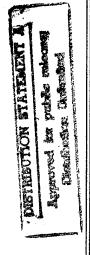
DEPARTMENT OF THE AIR FORCE

COMMITTEE STAFF PROCUREMENT BACKUP BOOK 1996/97 BUDGET ESTIMATES **FEBRUARY 1995**







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AIRCRAFT PROCUREMENT, AIR FORCE VOLUME II

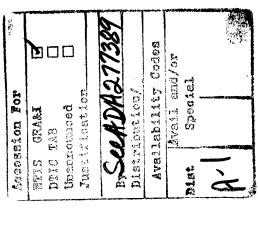
OPR: SAF/FMB

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SECTION 1 P-1M MODIFICATION SUMMARY

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95/02/21 1742	174	8	P-1M	P-1M MODIFICATION SUMMARY	TION SU	MMARY 1	1996 PRESIDENT'S BUDGET	SIDENT	S BUDGE	_				COST	TOTAL
AIR MOD CRAFT CLASS NR	ASS.	MOD	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	T0 G0	PROGRAM
R-2	-	10001	10001 CONTRAIL MANAGEMENT		6.9	10.3	4.	ت	4.						18.5
N		10002	10002 GFP COMSEC EQUIPMENT CHAN 10003 EMD ENGINES RETROFIT	,	4.	2 .6	2.1	3.1							7.5
		10004	10004 JPB CONVERSION	2.0	14.7		. 2	5.	2.						17.5
	-	10006	ZSR-63 - BAND 4	c	29.3	<u>ق</u> د	ص ر د	1.2	თ ო						17.8
		10008	DISK DKIVE UNI! (DDU) GPS-AIDED TARGETING SYSTE	. 4	-	. 4	. 4			!	t	,			4 .6 8 . 8
	- c	110011	10011 POST BLOCK 30 UPDATES	6.4	4.5	1.4	6.			1.1		-			13.2
. -	ာတာတိ	39999X	99999U LOW COST RETROFIT MODS 99999X LOW COST MODIFICATIONS	4.		1.0	ນ	7.	2.7						5.0
		-	CLASS P TOTAL FOR B-2	21.9	64.0	17.3	5.6	6.1	4.6	7.7	7.7	+			137.7
· 	TOTAL	TOTAL FOR B-2	B-2	21.9	64.0	17.3	5.6	6.1	4.6	7.7	7.7	-			137.7

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95/02/	95/02/21 1742	742	P - 1M	P-1M MODIFICATION SUMMARY 1996	rion su	WMARY 1		PRESIDENT'S	S BUDGET	⊢				COST	TOTAL
AIR	AIR CRAFT CLASS	MON Since	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	TO G0	PROGRAM
B-1	P - S	P-S 10407A	10407A AFT DC POWER UPGRADE 10414A OVERWING FIRE PRE	14.4	9. E	7.0	7.1	8.8	5.0	. =					45.3 154.5
			CLASS P-S TOTAL FOR B-1	14.4	3.9	7.0	7.1	6.8	5.0	1.1					199.8
	۵	3150-R				3.5	44.6	66.1	4.5 7.5	17.9	10.1	26.3	30.9	35.9	146.6 122.8
		4252 4253	AVIONICS COMPUTERS UDAM/1760 CONVENTIONAL EN			6.0				36.8	· •	10.9	164.3		85.2 662.9
		4256 4295	ECM UPGRADE PROGRAM FLAP/SLAT CONTROLLER				ი . ი .		7. 2.						9.9 13.5
		4296	SPOILER CONTROL			1.7	12.0	1.2	•						14.9
		4230	CONVENTIONAL BOMB MODULE		10.3	13.2	1 .4								24.5
		49502B 5047		10.5	6.9	5.4				с С	o	0			25.4
		5048	WIND CORRECTED MUNITIONS				•	Ċ	7	. Z	0.0	7.			7.9
		5049	BAND 5 AFT TRANSMITTER HV				o. -				1				0.7
		5050	TANTEDENDOMETER RCVR BAND				ღ.	2.9	1.4						4 ¢
		100 100 100 100 100 100 100 100 100 100	WAVERDRM GENERATOR EEPROM				4								0.00
		820800			10.9	18.0	22.4	4.4 6.4	4 a 4 a	α u	τ.				28.4
		X66666		4	6 7	G	13.2								30.6 30.6
		14251C	CLANCER 1010	•		12.5	8.3	4.9	4.8						29.1
		T4251E	LANCER				5.0	1.	æ.	<u></u>					1.8
			CLASS P TOTAL FOR B-1	14.6	36.4	68.4	126.8	107.5	100.9	74.3	21.6	56.4	195.2	523.6	1365.8
	TOT	TOTAL FOR 8-1		29.0		75.4		114.3		75.4		56.4	1 0	523.6	9 9
	-	AL - ;;	- 2		40.3		133.9		105.9		21.6		195.2		0.0001

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95/02/21 1742	742		P-1M MOD	MODIFICA	rion su	MMARY 1	996 PRE	IFICATION SUMMARY 1996 PRESIDENT'S BUDGET	S BUDGE1	,				COST	TOTAL
AIR CRAFT CLASS	S MOD	MODIF	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	T0 G0	PROGRAM
B-52 P-S		LOW COST	99999A LOW COST SAFETY MODIFICAT					რ _.	6.1	6.1	6.1				0.9
		CLASS P-S	CLASS P-S TOTAL FOR B-52					ω.	1.9	1.9	1.9				0.9
<u>.</u>	14304B 18501B 3116		STD FLT DATA REC WST BLOCK I UPDATE VLF/LF MINIATURE RECEIVE	ღ.	2.8	· .									3.0 28.3 36.8
	3145	ALQ-172 ECM NAVSTAR GPS	ECM GPS	4.3 11.1	5.1	.	.2	ω.	•	1					29.8
	3263	INTEGRA1	INTEGRATED CONV STORES MG ELECTRO-OPTICAL VIEWING S	14.9	1 .6	۲.	ю.	2.2	12.3	3.0 9.0	2.5				12.1
	3308	VINSON HAVE NAP-R52H		υ. 6.0.	5.1				9.	က					2 1 2 8 . 4 . 8
	4222	ARC-210 RADIO		9					3.8	ღ.				•	15.8
	4257 4258	B-52H DE HARPOON	B-52H DEFENSIVE FIRE CONT HARPOON		დ. დ.	<u>ن</u>									2.4 2.7.
	4259	UNIVERSA	UNIVERSAL BOMBBAY ADAPTER	<u>б</u>				σ							. o
	4260 4270	COINT D.	COINT DIRECT ATTACK MONITECT INTO THE ECM IMPROVEMENT					4.7	22.1		30.3	3.1			91.5
	4271	GPS TACAN	FACAN CORRECTED MUNITIONS				9.8 8.9	æ . 1	12.9 2.0	1.1					6.6
	49203B 99999X 788888	HIGH LOW (HIGH RELIABILITY BATTERY LOW COST MODIFICATIONS REPROGRAMMINGS		9. 9. t.	1.2	+	1.7	-	6.1	. 6				9.3 10.7 3.1
		O	TOTAL FOR B-52	37.4	33.3	4.9	10.0	26.6	63.6	46.8	36.2	3.1			1107.0
. 101	TOTAL FOR 8-52	B-52		37.4	33.3	4.9	10.0	26.9	65.5	48.7	38.1	3.1			1113.0

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2/21 174	P-1M MOD	MODIFICAT	MNS NOI	MARY 1	IFICATION SUMMARY 1996 PRESIDENT'S BUDGET	SIDENT	s BUDGE	F				COST	TOTAL
AIR MUU CRAFT CLASS NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	T0 G0	PROGRAM
F-117 P-S 99999A	99999A LOW COST SAFETY MODIFICAT		რ.	9.		-		ت					2.5
	CLASS P-S TOTAL FOR F-117		E.	9.		1.1		. 5					2.5
P 11324	PLATY BRICK/BLOCK REPLACE		-	8 6	2.6	. 4 6. c	4	-					10.5
11326	AP-102 COMPUTER MEMORY EX LONGTERM MDPS UPGRADE TO	n n	. 4 . 1					•			•	_	
11331	MIL-STD-1760 INTERFACE IM HIGH TEMPERATURE EDGES	3.6	2.3	5.9	5.1	ღ.	9.6 9	N.				•	200
11333	CMS UPGRADE TO AFMSS					4 7		4.6	6. 4 6. 6.	0 0 8 0	2 9 9 9	4.6	13.4
11335	LEADING EDGE LOW FREG RCS NAVSTAR GPS			11.6	17.5		5.0						45.
31901	20015 EXAUST AREA PROTECT			4.									`. `:
31902	APEX FORMATION LIGHT STEEL COMPRESSOR CASE			6.1	1.9	1.5							5.3
31907	PARKING BRAKE SWITCH	C	t	Ċ	U	•							
31911	PITOT-RADAR CROSS SECTION		· .	ກ. ຕ.		- ღ							•
31918	OBSERVABLE UHF									4 4 G. C	ກ 4 ຜິນ	17.7	27.
31919	LOW OBSERVABLE IFF ANTENN HI-PRESSURF-TURBINE COOLI					<u>ი</u>	1.1	1.2	1.6				•
31924	TORQUER/DRIVER IMPROVEMEN				•	C	ľ	<					0
31927	OMNIBUS ENGINE MODIFICATI	7	·	•	, σ	. .							ູນ
31929 31932	CMDS	ŧ.	· -	.		-							•
31934			,				1.2	10.8	•	12.8	11.7	9.2	
31937						1.3	11.0	10.5	5.6	0.9			34.
31938				2.3	1	6.1	ღ.						
31941	FLIR SCREEN IMPROVEMENT P					6.	1.0	1.0	1.0	æ.	₹.		4
31943	TECHNOLOGY ITEM USE REDUC			1.2		-		1.2	1.2	ω.	. 2		ώ,
31944	TARGET AREA PLANNING REHO												, ,
31945	BLEED AIR FIRE WARNING RE												. 2
S6666 S6666				2.5	2.0	6. 1.							<u>ှ</u> ဂ
788888 X66666 X688888	J LOW COST RETROFII MUUS K LOW COST MODIFICATIONS B REPROGRAMMINGS	2.1	ß.		•	, , , ,			Ü.	6.1			. ·
	CLASS P TOTAL FOR F-117	11.8	10.8	47.1	39.6	38.8	35.0	33.3	33.4	38.7	26.8	46.0	383.0
		1		l l				1				0	
TOTAL FOR F-117	F-117	11.8	+	47.7	39.6	39.9	35.0	33.8	33.4	38.7	26.8	4 0.0	385.5

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2/21 174		P-1M MODIFICATION SUMMARY 1996	TION SU	MMARY 1	996 PRE	PRESIDENT'S BUDGET	S BUDGE	-				TSUJ	TOTAL
AIR MOD CRAFT CLASS NR	MOD NR MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	T0 G0	PROGRAM
A-10 P-S 99	P-S 99999A LOW COST SAFETY MODIFICAT		9.	ε.	4.	3.	1 .8	1.8	თ.				6.3
	CLASS P-S TOTAL FOR A-10		9.	E.	4.	ß.	1.8	- 8	О				6.3
9 18		6.8	.2 25.8	2.0	22.3	2.2	2.2 8.6	5.5	2.4				13.3 131.3
, 18 18 18 18	318O1B OFP REVISION 4.O, A/UA-AU 33O1 LOW ALTITUDE SAFETY & TAR 3429 A/B SINCGARS AU COMM	თ. 9	.7	4. 18.6	14.5	2.8 8.5	3.5 3.8	3.5	2 . 5	4.			97.5 13.2 76.0
60 07 07		4.4	7.1	8.1	4.6	9.		. .	. 8.	23.0	26.0	27.0	76.0 7.2 34.8
	× 8	t . 4	. 1	22.5			-	. 6.	<u>ه</u>				22.5 1.1 5.2 -7.1
<u> </u>	CLASS P TOTAL FOR A-10	29.6	46.3	79.1	43.7	26.1	20.0	17.7	8.6	25.9	27.1	27.7	474.5
TOTAL	TOTAL FOR A-10	29.6	46.9	79.4	44.1	26.6	21.8	19.5	9.5	25.9	27.1	27.7	480.8

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COST TOTAL TO GO PROGRAM	4.3 40.0 1.1 2.0	46.4	46.4
FY-02 FY-03			
DIFICATION SUMMARY 1996 PRESIDENT'S BUDGET COST FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 TO GO	- .		.1
P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET FY-94 FY-95 FY-96 FY-97 FY-98 FY-99	1. 4.1	1.6	1.6
P-1M MODIFICATION TITLE	1254OB FORWARD UPPER ENGINE MOUN 3219 EO-LOROPS 52087B FUEL QTY INDICATOR 99999X LOW COST MODIFICATIONS	CLASS P TOTAL FOR F/RF-4	=/RF-4
95/02/21 1742 AIR MOD CRAFT CLASS NR	F/RF-4 P 12540B 3219 52087B 59999X	O	TOTAL FOR F/RF-4

186428 AFT ENGINE BAY FIRE DEFICE	4 5	P1M MODI	MODIFICATION EV-94 EV-6		SOMMAN S	1996 TRE	97 FY=98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
18-828 A FT ENGINE BAY FIRE DETEC 1.5	CLASS NK	MUDIFICATION TILE	P	2	'	- 1	}							
184228 NAMES PAS TOTAL FOR F-15 194228 ANAMARCH RUNDAT 194228 ANAMARCH RUNDAT 194228 ANAMARCH RUNDAT 194228 ANAMARCH RUNDAT 19528 ALCHION GEAR HINNO/SATIC 19708 STANDAR FULLAT BY STANDAR FULLATION CONDITION CON	S	AFT ENGINE BAY FIRE	•	7.		æ.								16.
MAY MAY PRESSING MATER SEPARA HIGH PRESSING MATER SEPARA ALANDING CEAR WITHOUS WITHOUT THE SEPARA ALANDING CEAR WITHOUS WITHOUT BATA RECO STANDARD FLUE TRANSFER PUMP MISTOR PROGRAM: C/D SERIES ALC-136 AL		P-S TOTAL FOR	1 .	. T.	1 .	ω.								16.
		AN/APG-63 RADAR LRU HIGH PRESSURE WATER					•		•					66.
Standard						ი	•	n.	Ρ.					12.
ANY STARK BORESIGHT FIXTURE 20.8 11.7 5.4 7.5 5.8 47.8 19.4 4.5 ANY STARK BORSON ANY STARK BORSON ANY STARK BORSON AND THE BORD OF CHILD SERIES 16.7 1.3 1.3 1.3 1.3 1.4 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	17606			<u>.</u>	ល	.7								0.4
ANY STARE GREESIGHT FIXTURE GRESSIGH FIXTURE GRESSIGH FIXTURE GRESSIGH FIXTURE ANY STARE GRESSIGH FIXTURE ANY	19740(1.1									
NUSTAR GPS NUSTAR GPS NUSTAR GPS NUSTAR GPS NUSTAR GPS NUSTAR GPS ALC-135 ALC	27128													48.
MATE PROGRAM: C/D SERIES 16.7 12.3 14.7 23.5 35.0 35.0 35.0 60.0 4.7 23.5 15.8 4.7 23.5 35.0 35.0 35.0 60.0 4.7 23.5 35.0 35.0 35.0 60.0 4.7 23.5 35.0 35.0 35.0 60.0 4.7 23.5 35.0 35.0 35.0 60.0 4.7 23.5 35.0 35.0 35.0 60.0 4.7 23.5 35.0 35.0 35.0 60.0 4.7 23.5 35.0 35.0 35.0 60.0 4.7 23.5 48.7 23.5 35.0 35.0 40.0 4.7 23.5 48.7 23.5 4	3150E	GPS NAVSTAR GPS	•				9	7.	•	•				159
ALCH-135 ALC	3192	MSIP PROGRAM: C/D	u 0		•									207
ALG-135 P31	3192A 3192B	ALQ-135	; -	122.1	÷.				- 1	•				554.
AVALEL-4SCHI/TEN DISTENS JIDS COMBAT ECCRE COMBAT ECCRE JEST EXHAUST DUCT ATH READE COURTE SEAL ATH BEACH SEAL ATH DISTER BRUSH SEAL ATH DISTER READE ATH DISTER BRUSH SEAL ATH DISTER BRUSH SEAL ATH DISTER READE ATH DISTER BRUSH SEAL ATH DISTER SEAL ATH	3192C	ALQ-135 P3I		48.7		2	വ	Ω	Ω.	0.09				72.
COMBAT EDGE ARBONNE VIDEO TAPE RECOR JESS ENGLOSE ATH BLADE OUTER SEAL AND VANE INNER AIR SEAL HYBRID NOZZLE COKING HYBRID NOZZLE COKING AND VANE INNER AIR SEAL HYBRID NOZZLE COKING AND VANE DASSAGE CASING TANGENTAL OUTBOARD INDUCE TANGENTAL OUTB	3204	AN/ALE-45 CHF/FLK DISPENS												87.
ATBRONKE VIDEO TAPE RECUR. 4 TH RALDE OUTER SEAL 5 TH RALDE OUTER SEAL 4 TH RALDE OUTER SEAL 5 TH	3437	COMBAT EDGE												7
## BLADE OUTER SEAL ## ROBOTS BLADE ATH ROBOST BLADE AND VARE INNER AIR SEAL ## ROBOTS BLADE TANGENINE ARE BLADE TANGENINE ARE BLADE TANGENINE ARE BLADE TANGENINE TO BLADE TANGENINE TO BLADE TANGENINE OUTER CASING TUBE INDEADE BLADE TANGENINE OUTER CASING TUBE TANGENINE THE TANGENI	3446	AIRBORNE VIDEO TAPE RECOR HES EXHAUST DUCT												· (C) (
### PRBUST BLADE ### PRBLADE ### PREADLE COKING ### PREADLE COKING ### PREADLE COKING ### PASSAGE CASING ###	6041	4TH BLADE OUTER SEAL			r	1					c	6		ນ ກັ
HYBRID NOZZLE COKING 4-9 4-9 7-7-BKN BLADE TANGENTAL OUTBOARD INDUCE TOWN VARE PASSAGE CASING TUBE IMPROVEMENT THE IMPROVEMENT THE TRECIRCULATION TO COLING TUBES TO COLOLING TUBES TO	6048 6053	ROBUST BLADE VANF INNFR AIR	5.6		- 8.	<u>:</u>				•	!	1		
4-7 BCN BLADE TANGENTAL OUTBOARD INDUCE TANGENTAL OUTBOARD INDUCE CIV VANE ARB BOLT VANE PASSAGE CASING TUBE IMPROVEMENT TUBE IMPROVEMENT TUBE IMPROVEMENT TUBE IMPROVEMENT TUBE IMPROVEMENT TUBE IMPROVEMENT THO IS RUSH SEAL THO IS RUSH SEAL TO IN THE CIRCULATION TO IN THE CIRCULATION TO IN THE CIRCULATION TO IN TO INDUCE TO IN TO INDUCE TO IN TO IN THE CIRCULATION TO I	6054	ID NOZZLE COKIN						•						4 0
CIVY VANE ARM BOLT VANE PASSAGE CASING TUBE IMPROVEMENT TUBE IMPROVEMENT THE DISPLACE TUBE IMPROVEMENT THE DISPLACE TOUR TUBES THE DISPLACE TOUR TUBES THE DISPLACE TOUR TUBES THE DISPLACE	6055 8065	4-7 BCN BLADE TANGENTAL DUTBDARD INDUCE				ღ.								•
VANE PASSAGE CASING TUBE IMPROVEMENT THE DISK BRUNH SEAL THE PROCESSING TO COLING TUBES THE HEAT RECIRCULATION TO COLING TUBES THE LHEAT RECIRCULATION TO COLING TUBES THE LHEAT RECIRCULATION TO COLING TUBES TO COLING	9909	CIVV VANE ARM BOLT			.2									Ŋ
### DISK BRUSH SEAL ###################################	6069				5.									•
EDU COOLING TUBES THE CONTING TUBES THE LEAT RECIRCULATION THE LEAT RECIRCULATION THE LACTOR/VIC CABLE BUTTERF THE LOCYZOLO FORINE INTERCHANG THE SUCCTOR/VIC CABLE BUTTERF THE SUCCTOR TO THE SUCCESSION TO THE S	6071	4TH DISK BRUSH SEAL				0.1		თ.						_
## INCREASED UFS HYD START E2 ### INCREASED UFS HYD START E2 ### INCREASED UFS HYD START E1 #### INCREASED UFS HYD START E1 #### INCREASED UFS HYD START E1 ##################################	6082		1.5											4 (
18 EJECTOR/VLV CABLE BUTTERF 2.1 28 100/220 ENGINE INTERCHANG .8 .7 38.1 87.4 152.1 169.6 171.7 158.7 22.8 11 APG-63 RADAR ALR-56C RF CABLES ALR-56C RF CABLES ARPG-70 LRU-038, 082 & 044 5.8 STICK GRIPS DELETE LEAD COMPUTING GYR UPGRADE OF PDM SE ENHANCED ELECTRONIC BUS IMPROVED HEADS UP DISPLAY UTIDS IIR	64031	INCREASED JFS HYD	•											- (1
APG-63 RADAR ALR-56C RF CABLES APG-70 LRU-038, 082 & 044 5.8 STICK GRIPS DELETE LEAD COMPUTING GYR UPGRADE OF PDM SE ENHANCED ELECTRONIC BUS IMPROVED HEADS UP DISPLAY UTIDS IIR	64081			7.										
ALR-56C RF CABLES APG-70 LRU-038, 082 & 044	8049					38.1	87.4	152.1	169.6	171.7	58.	S		811
STICK GRIPS DELETE LEAD COMPUTING GYR UPGRADE OF PDM SE ENHANCED ELECTRONIC BUS IMPROVED HEADS UP DISPLAY 15.8 16.3 21.8 22.7 5.2 10.9 16.6 1	8051	82												23
DELETE LEAD COMPUTING GYR UPGRADE OF PDM SE ENHANCED ELECTRONIC BUS IMPROVED HEADS UP DISPLAY JTIDS IIR	8158	-												N
ENHANCED ELECTRONIC BUS IMPROVED HEADS UP DISPLAY JTIDS IIR	8164	TING												•
IMPROVED HEADS UP DISPLAY JTIDS IIR	8239	ENHANCED ELECTRONIC BUS									9	36.3		113
	8249 8250	IMPROVED HEADS UP DISPLAY UTIDS IIR				•	-				9	1.5		110

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95/00/21 1742	P-1M MODI	MODIFICA	FICATION SUMMARY 1996 PRESIDENT'S BUDGET	IMARY 13	996 PRE	SIDENT'S	S BUDGE	<u>.</u>				TSUS	TOTAL
AIR MOD CRAFT CLASS NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	T0 G0	PROGRAM
F-15 P 8251	VHSIC CARD PROGRAMMABLE ARMAMENT CON	12.3		1.3	5.4	9.0	17.0	15.0	14.0				21.3 55.0
399998 399998 M96999		. .				1 . 6	o. t.	ю.					
999999 SPU SPU 18237	99999X LOW COST MODIFICATIONS SPU SECONDARY POWER UPGRADE 18237 DIGITAL MAP SYSTEM	2.8	4.		₹.	7.8	13.4	6.7	2.4	æ ∵.	8.3	4.0	50.7 51.2 8
Z88888 C	8 REPROGRAMMINGS CLASS P TOTAL FOR F-15	263.4	184.1	78.0	142.3	241.2	316.6	308.7	313.4	220.1	69.1	15.3	3406. 2
TOTAL FOR F-15	F-15	264.9	184.8	79.4	143.1	241.2	316.6	308.7	313.4	220.1	69.1	15.3	3423.1

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TOTAL	PROGRAM	14.4 20.6 201.7	10.2	252.3	α,	-	145.0	n - 0	2.2 48.9	0.4	ו נצו			. ບ ດ		80 -	0.01	7.7	ייי	7.7	5.5	500	25.0	8.6	10.4	
COST	10 G0																					c.				
	FY-03																					6. 6 6. 6				
	FY-02					31.0					ი.										ι	9 9 9 5 5 6 7	_			
	FY-01		1 .5	1.5		30.4			5		14.1						c					32.1			7.	
	FY-00		თ.	6.		30.3	20.5		4 .3		14.1		4.8				r	·				27.5 59.8		•	7.	
BUDGET	FY-99 F		7.	_ T.	•	18.9	65.9		ت 1		16.1		7.1				*	.				1.8		N	- .	
PRESIDENT'S	FY-98 F		1.4	2.1		4.81	62.9			5 6 7		2.3	8.6	3.2			C					4.0 42.1	. ი	2.4.	1.7	
	FY-97		2.0	4.0		18.4			ц	2.9		2.5	5.3	3.2			(Ν.			œ.		ري	200 200 400 400		
SUMMARY 1996	FY-96	8.8	7.5 7.5	7.8		20.0			2 2 2			0.	3.2	2.9	ພິພິ	•	,	N.	Į,	. 1	5.7		÷	. 8. 6	у Э.	
	FY-95	8.1	0.1	9.6		9.8		₹.		14.7													11.3	0.	۲.	
ODIFICATION	Fγ-94		94.8 8.6.	39.7	4.	80 R		2.7		o.				₹.		-	2 - 2	2.3	2.0	6 .5			3.7	1.9	. .	0.4
P-1M MODIFI	MODIFICATION TITLE		F100-220E ENGINE UPGRADE LOW COST SAFETY MODIFICAT LOW COST ENGINE SAFETY MO	CLASS P-S. TOTAL FOR F-16	L/H STRAKE		FALCON 229 ENGINE UPGRADE RADAR WARNING RECEIVER UP	OPERATIONAL CAPABILITY UP	B40 W/B50 WHEELS/BRAKES	ALE-47 JOINT DIRECT ATTACK MUNIT	TACAN EMULATION 840/850						BACKUP CONTROL CIRC RELOCATE FORWARD RWR ANTE				ADVANCED SERIAL DATA BUS SCREECH REDUCTION 129 ENG					
42	MOD	10501A 18503A	19203A 99999A 99999Y	Ü	1590	16508B 173009	19229E 3088	3150M 3250	3393 3393	3450 4260	4261	4262 50003B	5016 5038B	530944	53U946	5553	56U033 57U051	58006A	58045B	58046B 59045B	6018	602030 602040	6021	602240 99999E	X66666	B19402
21 17	CLASS	P-S		-	۵																					
95/02/21 1742	AIR	F - 16				.*			7.0	_	-					-										

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.95/02,	95/02/21 1742	P-1M MOD	MODIFICA	IFICATION SUMMARY 1996 PRESIDENT'S BUDGET	MMARY 18	396 PRE	SIDENT'S	BUDGET	1_				COST	TOTAL
AIR	AIR MOD CRAFT CLASS NR	MODIFICATION TITLE	FY-94	Y-94 FY-95 FY-96	FY-96	FY-97	FY-98	FY-98 FY-99	FY-00 FY-01	FY-01	FY-02	FY-03	T0 G0	PROGRAM
F - 16	P F075 F146 F150 F150 F176	FO7500 1ST STAGE CONTAINMENT FO7501 F110 MAIN FUEL PUMP LEAKA F14600 F110 EXHAUST NOZZLE OUTER F15001 F110 STG 182 DISK & BLADE F17600 F110 LUBE TANK PRIORITY S F19000 F110 TURBINE FRAME OIL TU	ro œ			4.	- -	4.						22.0 1.8.1 1.8.1 1.0.0 1
	F195 F194 Z888	F19300 F110 MINI MEC F19400 F-110-GE-129 (DEC) UPGRAD Z88888 REPRGGRAMMINGS	1.3	4.7	3.6	2.0								7.3
		CLASS P TOTAL FOR F-16	71.4	100.4	110.8 139.1		241.1	278.6	241.1 278.6 267.0 189.6 132.4	189.6		37.9	3.2	2046.2
	TOTAL FOR F-16	R F-16	111	110.0	118.6	143.1	243.2	279.3	267.9	191.1	132.4	37.9	3.2	2298.5

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95/02/21 1742	I MODI	MODIFICATI	ON SUMA	FICATION SUMMARY 1996 PRESIDENT'S BUDGET	s PRESID	ENT'S B	UDGET					COST	TOTAL	•
AIR MOD CRAFT CLASS NR	MODIFICATION TITLE	FY-94 F	FY-95 F	FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03	7-97 FY	-98 FY	-99 F	V-00-Y	γ-01	FY-02	FY-03	10 60	PROGRAM	
EF-111 P-S 99999A	EF-111 P-S 99999A LOW COST SAFETY MODIFICAT		9.	ı									9.	
J	CLASS P-S TOTAL FOR EF-111		9.										9.	
P 19207B 3370 399999X Z88888	19207B AN/ALM-204 TEST STATIONS 3370 ALQ-99 SIP ENCODER PROCES 99999X LOW COST MODIFICATIONS Z88888 REPROGRAMMINGS	ю	4.4	.										
	CLASS P TOTAL FOR EF-111	3.8	1.4	1.9									0.0	
TOTAL FOR EF-111	EF-111	3.8	2.0	1.9									9.6	

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95/02/21 1742	P-1M		TOTAL
AIR MOD CRAFT CLASS NR	MODIFICATION TITLE	FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 TO GO PI	PROGRAM
F-111 P-S 12322A	F-111 P-S 12322A REPLACE FLIGHT CONTROL SY 99999A LOW COST SAFETY MODIFICAT		53.9
O	CLASS P-S TOTAL FOR F-111		54.1
P 12356B Z88888	12356B F/FB-111 AVIONICS MODERNI 288888 REPROGRAMMINGS	13.6 5.0	899.2 49.7
O	CLASS P TOTAL FOR F-111	13.6 5.0	948.9
TOTAL FOR F-111	-111	13.6 5.0	1003.0

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95/00/21 1740	ODM M1 - d	MODIFICA	JEICATION SUMMARY 1996 PRESIDENT'S BUDGET	AMARY 18	996 PRE	SIDENT	S BUDGE	⊢ -					
O %	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03	FY-01	FY-02	FY-03	COST TO GO	TOTAL
A/T-37 P-S 99999A LOW COST SAFETY MODIFICAT	COST SAFETY MODIFICAT	-	4.1		9.	9.	7.	&	8.	6.			7.5
CLASS	CLASS P-S TOTAL FOR A/T-37	-	1.4	. 22	9.	9.	7.	8.	8.	<u>σ</u>			7.5
MOJ X66666 d	99999X LOW COST MODIFICATIONS	ω.											3.4
CLASS P	S P TOTAL FOR A/T-37	8.											3.4
TOTAL FOR A/T-37	37	1.9	4.1	5	9.	9.	T.	8	ω.	σ.			10.9

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95/02/ AIR	95/02/21 1742 AIR MOD	A HITT NOTES OF STREET	FY-94	FY-95	Y-94 FY-95 FY-96 FY-	FY-97	.97 FY-98 FY-99	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROGRAM
- L L	CLASS													
C-5	P-S 21107A	A THRUST REVERSER INDICATINA LOW COST SAFETY MODIFICAT	φ. r.	e. 0.	4.		4.	₹.	4.9	. 9	ر و.			ຕ ສ ສ. ຫຸ
		CLASS P-S TOTAL FOR C-5	6.	1.3	4.4		4	-	1.9	1.9	1.9			12.7
	P 14220B	3 MLG/DOOR ACTUATING SYS (R	9.6	5.6	2.0	7.7								80.4
	15203B		7 .		- ກ	ე 4								0.8
	172048	PYLON FIRE SAFETY IMPROV	•		7									
	23121B		m -	α	-									6.
	23185B 23225B		:											
	26110B	TF39 EN	•;			(•	,					707
	3150		1 0.	4.0	21.1	13.6	13.2	4 . 7	•					
	3222	MAC C2 SATCOM ANTENNAS												
	3234	CRUSS WIND LANDING GEAR		7.2	6.2	3.4	3.0	80.						25.
	3455 3456B	FLIGHT STATION GALLEY	9.	•										
	6019	MADARS II MULTIPLEXER PRO	3.8		1	•	(· -
	6030	REDUCED VERTICAL SEPARATI			. 2	4.	ø.				σ. •			
	6031	THRUST RECOVERY CABIN OUT							4.9		. .			6.2
	6032	TARTALLATION OF NORF LAND	m											اتُ
	6033 6034	TF39 ENGINE VAPOR BARRIER						1.0	4.0					ເຄ
	6035	D-SUMP LUBE LINE MODIFICA												·
	9609	SMART ENGINE DIAGNOSTICS							50.0	52.8	56.1	58.3	136.5	355.
	6037	TF39 ENGINE HIGH PRESSURE									39.4	40.9	92.4	257.1
	6038	AUTUPILOT AND FLIGHT AUGM								•	20.2	20.5	24.2	86.1
	6039	SATCOM			5.3									υ.
	90000			₹.		₹.		₹.						
	166666 088890		2.8											
	X66666		د. ر											- ო
	T0110B	B PITCH TRIM MANIFOLD B REPROGRAMMINGS	9. 9.	4.7										
		ပ	37.2	27.2	44.0	22.6	16.8	6.1	116.5	113.9	118.3	119.7	253.1	1170.
								1			- 1		ļ	
	TOTAL FOR	C-5	38.1	28.5	45.4	22.6	17.2	6.2	118.4	115.8	120.2	119.7	253.1	1183.0

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95/02	/21 174		P-1M MODIFICA	TION SU	FICATION SUMMARY 1996 PRESIDENT'S BUDGET	996 PRE	SIDENT'	s BUDGE	-				Foco	14101	
AIR CRAFT	AIR MOD CRAFT CLASS NR	JD NR MODIFICATION TITLE	Fγ-94	FY-95	FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 T0 GD	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	10 00	PROGRAM	
6-0	P 261	26165B REPL FLIGHT DATA RECORDER 3150 NAVSTAR GPS	6.8	3.0	2.6	2.8	8 1.	3. 5.	5. 5	.6				1.4 17.6 144.6	
	4 1.7 4 26 9 9 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	41090B C-9 ENGINES 4268 MISSION COMMUNICATION SYS 99999S SERVICE BULLETINS 288888 REPROGRAMMINGS	3.3	6.0 3.7 -6.0	1.5	6.9	2.7	2.4	- -	1 .6				9.3	
		CLASS P TOTAL FOR C-9	11.8	11.8 6.7	4.1	4.7	26.0 37.4		45.2	46.6				187.3	
. -	TOTAL F	TOTAL FOR C-9	11.8	6.7	4.1	4.7	26.0	37.4	45.2	46.6				187.3	

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5/02/21 1742	1742	P - 1M	P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET	TION SU	MMARY 18	996 PRES	SIDENT'S	3 BUDGET		•			COST	TOTAL
AIR MOD RAFT CLASS NR	MOD SS NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	T0 G0	PROGRAM
-17 P	3429	A/B SINCGARS AJ COMM CANADIAN RETRIEVAL SYSTEM		+ .		11.9	12.1				3.1	Ġ		3.3
-	6012A 6013 6013	ACCELERATED AIRLIFT DEFEN AUTOMATED G-FILE/DIGITIZE COMFORT PALLET ELECTRICAL	ຫ ເ	ر 6 ت	-	2.3	α	ي -	9		2.8	4.		
	6015 6016 6017	CONTAINER DELIVERY SYSTEM SATCOM UPGRADE UPGRADE TO 75/90 KVA GENE		0. 1 0.9	3.7		, ,)	l					13.6
	6025 6026 6026	AUTOMATED COMMUNICATIONS 400 POUND PARATROOPER SEA INFRITAL REFERENCE UNIT			. 4 . 0	. B . 3. 52 . 9.	7.3	9.E						14.6 1.1
	6028 99999X Z88888		. 7 - 1 . 1 -	-7.0	4 8.	3.0			7.	ღ.				2.7
		CLASS P TOTAL FOR C-17	3.5	6.1	12.7	24.4	22.2	ъ О.	6.	.3	5.9	9.		81.6
10	TOTAL FOR C-17	C-17	3.5	6.1	12.7	24.4	22.2	5.0	6.	. a	5.9	9.		81.6

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95/02/21 1742		P-1M MODIFICA	rion su	FICATION SUMMARY 1996 PRESIDENT'S BUDGET	996 PRE	SIDENT	S BUDGE	-				COST	TOTAL
AIR MOD CRAFT CLASS NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 TO GO	FY-01	FY-02	FY-03	T0 G0	PROGRAM
C-21 P 3150	NAVSTAR GPS 9S SERVICE BULLETINS	် က	4.5	4.5	3.9	6. +.	1.2	2.4 4.5 3.9 .9 1.2 1.3 1.3 1.3 1.1	£.				15.5
	CLASS P TOTAL FOR C-21	e.	2.5	4.6	4.0	1.0	1.3	3 2.5 4.6 4.0 1.0 1.3 1.4 1.4	4.1				16.9
TOTAL FOR C-21	R C-21	e.	2.5	4.6	6 4.0	1.0	- 6.	4.1	1.4				16.9

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21 174	P-4	P-1M MODIFICAT	ION SUM	MARY 1	996 PRE	SIDENT	FICATION SUMMARY 1996 PRESIDENT'S BUDGET	-				COST	
AIR MOD CRAFT CLASS NR	MODJFICATION TITLE	FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 TO GO	- 4-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	T0 G0	ш ,
C-22 P 999995	99999S SERVICE BULLETINS 288888 REPROGRAMMINGS		5.1	7.	4.	ю.	2.	2.	. 2				5.0
ပ	CLASS P TOTAL FOR C-22		5.1	7.	4.	E.	5.1 .7 .4 .32	. 2	.2				7.1
TOTAL FOR C-22	-22		5.1	7.	4.	e.	2.	2.	7				7.1

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TOTAL	α 1	6.7	18.7	18.7
TSUS	T0 G0			
	FY-03			
	FY-02			
	FY-01	3.3 3.4	3.4	3.4
	FY-00	ღ	.3 .8 2.2 3.2 3.3 3.4	3.3
BUDGET	FY-99	3.2	3.2	3.2
IDENT'S	۶۲-98	2.2 3.2	2.2	2.2
96 PRES	.γ-97	l ∞.	8.	80.
MARY 199	96-Y	 ဗ.	 E:	ε. Ε.
ION SUM	FY-95	<u> </u>	<u> 7</u> .	- r.
P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET	FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 TO GO	 - .	-	ļ - .
P-1M N	MODIFICATION TITLE	3455 AIRLIFT DEFENSIVE SYSTEMS 999999S SERVICE BULLETINS	CLASS P TOTAL FOR C-27	7-27
95/02/21 1742	AIR MOD CRAFT CLASS NR	C-27 P 3455 L	เว	TOTAL FOR C-27

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P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET

TOTAL PROGRAM

COST TO GO

FY-03

FY-99 FY-00 FY-01 FY-02

FY-97 FY-98

FY-95 FY-96

FY-94

MODIFICATION TITLE

5/02/21 1742 AIR MOD CRAFT CLASS NR 1.0

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4268 MISSION COMMUNICATION SYS 99999S SERVICE BULLETINS 99999X LOW COST MODIFICATIONS

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C-137

2.4

3.4

TOTAL FOR C-137

CLASS P

TOTAL FOR C-137

6.5 9.0 30.5

30.5

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2.4

3.4

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2/21 174	P-1M MODI	MODIFICA	rion su	AMARY 1	996 PRE	FICATION SUMMARY 1996 PRESIDENT'S BUDGET	s BUDGE	-				COST	TOTAL
AIR MOD CRAFT CLASS NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	T0 G0	PROGRAM
C-141 P-S 99999	P-S 99999A LOW COST SAFETY MODIFICAT	7.	1.8	9.	6.	1.0	7.	α.	9.	4.0			9.7
	CLASS P-S TOTAL FOR C-141	7.	1.8	9.	6.	1.0	<u>r</u> .	80	9.	1.0			9.7
P 13627B	B AWLS & AUTOPILOT	10.9	3.7	52.6	37.3	19.3	20.7	12.0	0.1				209.9
; 13652B 3150				24.7		40.7	29.3	4.1					96.1
3222 3353	MAC C2 SATCOM ANTENNAS HF AUTO COMM PROCESSOR (A	2.9											25.8
3449	INFRARED COUNTERMEASURES AIRLIFT DEFENSIVE SYSTEMS	4.8	7.7	12.8	ω. ω.	4.7	6. 00 4. 00	ď					43.1
6040 6046				4.5	9	o. ~							4.5
62070B 64092B		2.1											4 c
8 109	ARMOR PLATING	2.3	1.2										4.4
99999X 18221		3.2											8. 8 6. 6
	CLASS P TOTAL FOR C-141	28.5	12.6	94.6	52.4	72.5	62.0	14.0	1.0				457:9
TOTAL FOR C-141	C-141	29.2	14.4	95.2	53.3	73.5	62.7	14.8	1.6	1.0			467.6

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TOTAL	PROGRAM	32.3	32.3	32.3
COST	T0 G0			
	FY-03			
	FY-02			
	FY-01			
	FΥ-00			
OIFICATION SUMMARY 1996 PRESIDENT'S BUDGET	FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 T0 G0	9.5	9.5	9.5
IDENT'S	FY-98	5.8 8.5 8.5	5.8 8.5 9.5	8.5
96 PRES	FY-97	8.5	8.5	8.5
MARY 199	96-Y	5.8	5.8	5.8
ION SUMI	FY-95			
DIFICAT	FY-94	 		
P-1M MOD	MODIFICATION TITLE	NAVSTAR GPS	CLASS P TOTAL FOR T-1	1-1
742	MOD SS NR	T-1 P 3150	J	TOTAL FOR T-1
02/21 1	AIR MOD CRAFT CLASS NR	4		101
75/	CRA	-		

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TOTAL	PROGRAM	-	-	-
COST TO	TO GO PR			
C	FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 T0 G0			
	FY-02			
	FY-01	.2	. 2	2.
	FY-00		2.	2.
BUDGET	FY-99	2.	. 2	2.
IDENT'S	FY-98	α.	.2 .2 .22	2.
196 PRES	FY-97	. 2	. 2	2.
MARY 19	FY-96	7.	-	
P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET	FY-95			
DIFICA	FY-94			
P-1M MC			1	'
	MODIFICATION TITLE	99999X LOW COST MODIFICATIONS	CLASS P TOTAL FOR T-3	7-3
742	S NR	X66666	-	TOTAL FOR T-3
2/21 1	AIR MOD CRAFT CLASS NR	4		TOŢ
95/0	AIR	1-3		

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95/02	95/02/21 1742	P1 - 4	P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET	TION SU	MMARY 1	996 PRES	SIDENT	S BUDGE	-				Taga	TOTAL
AIR	AIR MOD	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97 FY-98	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	TD GD	PROGRAM
T = 38	P-c 10206	A FUS STA 325 BULKHEAD FORM	3.5	<u>6</u> .	5.0	12.6								44.9
3	14207	14207B COCKPIT ENCLOSURE (PC)	3.7	5.0	2.5	2.8								5.89
	19205A	A BIRD IMPACT RESISTANT WIN	4.3	5.8	4.0									21.7
	20104 99999	20104A 66% SPAR STRAP 99999A LOW COST SAFETY MODIFICAT	2.8	9.0					Τ.					8.5
		CLASS P-S TOTAL FOR T-38	14.3	15.6	11.5	15.4			-					146.9
	P 6029 Z88888	AVIONICS UPGRADE 8 REPROGRAMMINGS		8.6			31.3	31.3 128.9	118.1	124.1	138.2	105.5	5.5	651.6 9.8
		CLASS P TOTAL FOR T-38		9.8			31.3	31.3 128.9 118.1		124.1	138.2	105.5	5.5	661.4
	TOTAL FOR T-38	T-38	14.3	25.4	11.5	15.4	31.3	128.9	118.2	124.1	138.2	105.5	5.5	808.3

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95/02/21 1742 AID MOD	<u> </u>	P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET		
CLASS NR	MODIFICATION TITLE	Fγ-94 Fγ-95 Fγ-96 Fγ-97 Fγ-98 Fγ-99 Fγ-00 Fγ-01 Fγ-02 Fγ-03 T0 G	GO PROGRAM	5 '
T-41 P 99999X LOW COST MODIFICATIONS	COST MODIFICATIONS	zi.	~:	m
CLAS	CLASS P TOTAL FOR T-41	.2		im
TOTAL FOR T-41		.2		I M

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COST TOTAL	FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 TO GO PROGRAM	6.9	10.4	20.2	20.2
	11 FY-02		4	9	9
) FY-C	,		100	100
L.:	FY-00		Ϋ,	9.	9.
s BUDGI	FY-99	.2	4	9.	9.
SIDENT'	FY-98	.2	9.	8	8.
996 PRE	FY-97	8.	ო.] =
MMARY 1	FY-96	3.5	1.9	5.4	5.4
rion sul	FY-95	2.0	2.1	5.3	5.3
P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET	FY-94		4 .9	6.4	1.9
P-11	MODIFICATION TITLE	NAVSTAR GPS	4307 COLOR WEATHER RADAR 99999S SERVICE BULLETINS 99999X LOW COST MODIFICATIONS	CLASS P TOTAL FOR T-43	T-43
95/02/21 1742	AIR MOD CRAFT CLASS NR	T-43 P 3150	4307 99999S 99999X		TOTAL FOR T-43

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95/02/21 1742	M1 - d	P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S	TION SU	MMARY 1	996 PRE	SIDENT	S BUDGET	⊢				COST	TOTAL
AIR MOD CRAFT CLASS NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	T0 G0	PROGRAM
KC-10 P-S 99999A	KC-10 P-S 99999A LOW COST SAFETY MODIFICAT		4.	2.	1.2	- 0	6.	9.1	- 6.				7.5
· An	CLASS P-S TOTAL FOR KC-10		4.	. 2	1.2	1.0	6	1.9	1.9				7.5
P 3150	NAVSTAR GPS REFUELING PODS	11.0	9.3	13.6 .9	12.2	5.1	2.0						53.2 53.9 5.2
3353 41008B 4301	HF AUTO COMM PROCESSOR (A MISC SERVICE BULLETIN ENGINE VIBRATION MONITORI	2.2	1.7	. 8	. .	+.	+;						2.00 c
6046 999995 99999X 288888	6046 SATCOM 99999S SERVICE BULLETINS 99999X LOW COST MODIFICATIONS 288888 REPROGRAMMINGS	3.7	<u>+</u> 0.8.	2 . 2 0 0	0	ä	7.	4 + 0 + .	1.9				13.8
	CLASS P TOTAL FOR KC-10	36.7	17.5	20.5	14.4	6.4	3.8	3.0	3.1				142.7
" TOTAL FOR KC-10	KC-10	36.7	17.9	20.7	15.6	7.4	4.7	4.9	5.0				150.2

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95/02/21 1742 P-1h	P-1M MODIFICA	TION SU	IMMARY 1	996 PRE	FICATION SUMMARY 1996 PRESIDENT'S BUDGET	s BUDGE	_				COST	TOTAL
AIR MOD CRAFT CLASS NR MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 TO GO	FY-03	T0 G0	Φ 1
C-12 P 3150 NAVSTAR GPS			1.1 3.0 3.0 2.2 1.0	3.0	2.2	1.0	ω.					-
99999S SERVICE BULLETINS 99999X LOW COST MODIFICATIONS			.2	-	С	- .	ю.	- -				. 2
CLASS P TOTAL FOR C-12	6.	1.3	.3 1.3 3.2 3.1 2.5 1.1 1.1	3.1	2.5	+.		-				14.1
TOTAL FOR C-12	e.	1.3	3.2	3.1	2.5	1 -	ļ-	+				14.1

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95/02/21 1742	-d	P-1M MODIFICA	[FICATION SUMMARY 1996 PRESIDENT'S BUDGET	MMARY 1	996 PRE	SIDENT	S BUDGE	}				COST	TOTAL
AIR MOD CRAFT CLASS NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	Y-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 TO GO	PROGRAM
C-18 P 3150	3150 NAVSTAR GPS 99999X LOW COST MODIFICATIONS	5.	8.1	1.8 2.4	α.υ.	2.6.	±. e.	÷. 6.	- €	е.			2 5 .8 .8
	CLASS P TOTAL FOR C-18	2	2. 2.1 2.7 1.1 .5 .4 .4	2.7	-	5	4.	4.	4.	ε.			8.3
TOTAL FOR C-18)-18	.2	2.1	2.7	1.1	.5	4.	4.	4.	(F)			8.3

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TOTAL	α. Ι	8 9.5	7.9	25.6	25.6
COST	T0 G0				
	FY-03				
	FY-02				
	Y-94 FY-95 FY-96 .FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 T0 G0	Ξ.	້ ຫຼ	.0.	1.0
	FY-00	Ξ.	æ.	6	6.
BUDGET	FY-99	Ξ.	œ.	6.	6.
IDENT'S	FY-98	- .	∞.	6.	6.
96 PRES	FY-97	1.1	8.	0.	6
FICATION SUMMARY 1996 PRESIDENT'S BUDGET	FY-96 .	7.0	ω.	8.7.8 1.9	7.8
ION SUM	FY-95		œ.	8.	8.
	Fγ-94	(9 	9.7	9.7
P-1M MODI	MODIFICATION TITLE	NAVSTAR GPS	MISSION COMMUNICATION SYS SERVICE BULLETINS	CLASS P TOTAL FOR C-25	C-25
742	MOD SS NR	3150	4268 99999S		TOTAL FOR C-25
95/02/21 1742	AIR MOD CRAFT CLASS NR	<u> </u>		7,	T01
95/0;	AIR CRAFT	C-25			

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95/02/21 1742	P-1M MOD		IFICATION SUMMARY	WMARY 1	1996 PRESIDENT'S BUDGET	SIDENT	S BUDGE	-				ťΛ	TOTAL
AIR MOD CRAFT CLASS NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	T0 G0	PROGRAM
C-130 P-S 99999A T8016S	LOW COST SAFETY MODIFICAT BLEED AIR DUCT RETROFIT		+:	1.7	7.	1.2	. 9.	<u>ත</u>	1.2				8.7
0	CLASS P-S TOTAL FOR C-130		-	1.7	T.	1.2	1.9	6.	1.2				18.8
P 10603A	FLIGHT DATA RECORDER APO-122 RADAR REPLACEMENT		6. 4	2.1									115.0
14515B 17605B		32.2		27.0		6	53.6		14.3				309.
18600B	ELECTRICAL SYSTEM UPGRADE	e.c		11.7	15.9		30.6 1.9	14.7					18.
18603B 3150	FUEL WIT STS UPGRADE ON CONNECTION OF CONTROL OF CONTRO		1 1 2 2 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	4 4 5 5 5 5		4 c	4.6						79. 353.
3190 3222	SCNS MAC C2 SATCOM ANTENNAS	, r.		 t			4.						9.2
3401				2.1									
3430	REM OVERHEAD DELIVERY SYS AIRLIFT DEFENSIVE SYSTEMS	16.5	•										39.
3458	ABCCC MODIFICATIONS MICROWAVE LANDING SYS (ML	e. 6	4 c	4.9									32.
62151B 62151B 67087B			∞.	4.4	J								- 4.
8109			ď										±.
8293 99999M	DUAL LUX CUNVERIER MISC SIMULATOR UPDATES		?	+.	.2	2.5	7.5						ល <
S06066			1 .5	4. 6.			<u>ත</u>						1 -
X66666			-					5.0	5.0				- 0
COMPAS		8.0				4.0		21.2	26.9	14.8	27.2	18.8	112.5
CWREPL													120 12
GENDIS											46.1	21.4	54
RADAR T8220	APN-59 KADAK KEPLACEMEN ALR-69 (RWR)	13.9	12.7					30.9	1	18.7			125
T8234 Z11111		ი.				0.4		0					t i
288888			-1.0									•	-
	CLASS P TOTAL FOR C-130	118.8	75.4	82.7	91.8	82.8	93.5	161.8	160.2	71.7	75.3	40.2	1779.
TOTAL FOR C-130	C-130	118.8	76.5	84.4	92.5	84.0	95.4	162.7	161.4	71.7	75.3	40.2	1798

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02/2	95/02/21 1742	4 5	P - 1M	P-1M MODIFICAT	NOI.	MMARY 1	996 PRE	FICATION SUMMARY 1996 PRESIDENT'S BUDGET	s Budgel	L				10	TOTAL
AIK CRAFT C	CLASS N	S X	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	T0 G0	PROGRAM
C-135	P-S 104	10408A 99999A	AERIAL REFUELING PUMP AUT LOW COST SAFETY MODIFICAT	R	6.	- 6.	. 6.	თ.	- .	r.	1.9				8 6 0 +
		Ĭ	CLASS P-S TOTAL FOR C-135	ī.	1.9	1.9	6	6.	-	5.	1.9				17.1
	. 10v	10402B		9.	<u>о</u> .	ь. С	7.	9.							101.9 91.8
	<u> </u>	13405B 16405X	SCOPE RELOCATION	₹.		- C	o c	. ·	0	. ت	5				. ი
	17. 29.	17403B 2984X	STANDARD FLIGHI DAIA RECU NUCLEAR HARDENING C-135 REFNGINE	24.0	2.	. 2.		1			1				
	S S S	3009Q	C-135 REENGINE	•											6263.4 3.8
	ŎŎ	3009K	S C K		4.0		7	Ġ.							1.2
	ŏ č	3009Y	RELOCATE S/V BOX STANDARD VHF AM/FM RADIO	- .	eo.		- .	ν.							
=	9 6	3150	PS	-	22.8	2.2	39.0	37.5	30.7	26.0	5.5	20.4	æ . æ		192.4 248.7
-	31.	156 353	PACER LINK PH II HE AUTO COMM PROCESSOR (A	9.	6.4			•	1.5	2.0	1.7				
	n é n en	3368	GROUND COLLISION AVOIDANC			6.7	6.6	9.6	9.0		3.0	4.5			60.3
	93 Q 4	3380 40604B				89.									0.1
	42	4221													5.5
	42	232	OPEN SKIES AIRCRAFT			4 66	1.0	8 70	94.9	25.7	26.5				
	4 4 9 Q	4263 4264	RIVE! JUIN! TACTICAL INFO. BROADCAST	0	4.4	†	-	:							
	84 0	48604B					σ. •				<u>თ</u>				2 2 4
-	n o					. 2					9.				2.6
	66	M66666			1.3		ت			(7.				2.5
	9 5	X66666	LOW COST MODIFICATIONS		თ.	e.	1.3	4.1	3	D.	n.				
	צני	KC4218			2.1	2.2	6.	4.9	1.1	∞.					10.0
	X	KC4231				11.2	21.6	20.4	20.4	42.5	40.4	0 4	•		177.7
	X :	KC4233			7.5	, ,	28.1	22.3	18.6	15.6	2.3		ο. Θ. Θ.		119.5
	XX	KC4289 KC4290	COMPASS REFLACEMENT IMPROVED MAIN LANDING GEA		0.	0.1) 								2.0
	¥.	KC4291			4.9	8	-	1.8	3.2	ი ი	- 0	- (35.3
	7 X X X X X X X X X X X X X X X X X X X	KC4292 KC4308 Z88888	RADAR REPLACMNT & DISPLAY KC-135 AVIONICS RELOCATIO REPROGRAMMINGS		5.3 5.3		21.7	25.4	•			23.8	o.c		5.7
			CLASS P TOTAL FOR C-135	60.5	75.4	140.8	186.6	152.5	138.9	143.6	87.9	138.7	47.1		8403.9

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TOTAL	PROGRAM	8421.0
. TSUD	.Y-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 TO GO	
	FY-03	47.1
	FY-02	138.7
	FY-01	89.8
L	FY-00	144.1
S BUDGET	FY-99	139.0
SIDENT'	FY-98	
IFICATION SUMMARY 1996 PRESIDENT'S BUDGET	FY-97	188.5
MMARY 18	FY-96	142.7
TION SU	FY-95	77.3
ODIFICA.	FY-94	61.0
P-1M MODI		·
	MODIFICATION TITLE)-135
95/02/21 1742	AIR MOD CRAFT CLASS NR	TOTAL FOR C-135

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95/02/21 1742	P - 1M	P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET	rion sur	MMARY 1	996 PRE	SIDENT	S BUDGET					Food	TOTA
AIR MOD CRAFT CLASS NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	10 00	PROGRAM
E-3 P-S 99999A	P-S 99999A LOW COST SAFETY MODIFICAT					2.			2.0				2.2
O	CLASS P-S TOTAL FOR E-3					.2			2.0				2.2
P 17600B 20001X		- i	2.5	19.1	13.2	4.	R	6.					21.0 9.2 36.8
3246 3371 3401	HAVE QUICK A-NET ELECTRONIC SUPPORT MEASUR UTIDS TADIL U	2.5	72.1	77.4	115.3	11.2	3.2	- 0.6. R					328.4 88.8 130.6
3402 50001X 7266			25.0	23.7 35.9 49.6	8.5 8.5 53.2	. გ. გ. გ. გ. გ.	5.4 51.7	5.3 73.8	5.1	71.1			65.7
X66666	99999S SERVICE BULLETINS 99999X LOW COST MODIFICATIONS	2.0	 e 	+ 8. 4.	4.1	. · ·	-		2.7				10.5
1	CLASS P TOTAL FOR E-3	4.6	136.6	230.4	270.3	92.2	79.3	81.1	80.9	71.1			1282.1
TOTAL FOR E-3	E-3	4.6	136.6	230.4	270.3	92.4	79.3	81.1	82.9	71.1			1284.3

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25/02/21 1742	P-1M MOD	MODIFICA	TION SUN	MMARY 1	IFICATION SUMMARY 1996 PRESIDENT'S BUDGET	SIDENT	S BUDGET					COST	TOTAL
AIR MOD CRAFT CLASS NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY~98	FY-99	FY-00	FY-01	FY-02	FY-03	T0 G0	PROGRAM
E-4 P-S 99999/	P-S 99999A LOW COST SAFETY MODIFICAT							6.	6.9				3.8
	CLASS P-S TOTAL FOR E-4							1.9	1.9]		3.8
P 3150	NAVSTAR GPS	8.6	б .	1.0	6.	. 2		.2					11.3
3380	MILSTAR UHF/EHF COMMAND P		ი ი				4.0	0.4	.2	₹.			8
3445	BACKBONE COMMUNICATIONS B		7.4										7.4
3501 3505	SHF SATCOM MMRT		ρ. Ω			11.3	ល	1.5					13.3
X66666 X66666		1.8	4.9 9.6 6.0		 თ rv	2.0	<u>.</u>	9.	2. 1				0.0 0.0 0.0
	CLASS P TOTAL FOR E-4	10.4	35.0	1.0	1.6	13.5	9 9	6.3	2.3	-			116.5
TOTAL FOR E-4	E-4	10.4	35.0	1.0	1.6	13.5	9.9	8.2	4.2	<u></u>			120.3

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95/02/21 1742	MODIF	MODIFICATION SU	MMARY 199	FICATION SUMMARY 1996 PRESIDENT'S BUDGET	'S BUDGET					COST	TOTAL	
AIR MOD CRAFT CLASS NR	MODIFICATION TITLE	FY-94 FY-95	FY-96	FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02	FY-99 FY	/-00 F	-01 F	Y-02	FY-03	T0 G0	PROGRAM	
H-1 P-S 99999A	P-S 99999A LOW COST SAFETY MODIFICAT	5	e.	- -							4.	
J	CLASS P-S TOTAL FOR H-1		e.	 -							4.	
P 3150	3150 NAVSTAR GPS 99999X LOW COST MODIFICATIONS	. 1		2.3							0 . ه تن ت	
, T8123 Z8888	T8123 FLEXPLATE MAIN DRIVESHAFT Z88888 REPROGRAMMINGS	-8.2	ი ი	3.1							-8.2	
0	CLASS P TOTAL FOR H-1	-	5.9	5.4							11.6	
TOTAL FOR H-1	-	 	6.2	5.5							12.0	

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9 5/02/21 1742	P - 1M	P-1M MODIFICA	IFICATION SUMMARY 1996 PRESIDENT'S BUDGET	MMARY 1	996 PRE	SIDENT	s BUDGE	-				COST	TOTAL
AIR MOD CRAFT CLASS NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	T0 G0	PROGRAM
MH-60 P 3150		3.0	2.0										16.4
X66666 X66666	S SERVICE BULLETINS < LOW COST MODIFICATIONS DEFENSIVE SYSTEMS UPGRADE	2.5			1.7	2.7	3.2	го <u>г</u> оо п	ώα			•	2.6 15.3
EC/N FLIR	ENHANCED COMMUNICATIONS/N AN/AAQ-16B FLIR HH-60G PFTROFIT	11.0	e.		2 C 4 C	2.3		t	10.1				11.3
T8136 T8171	UHF SATCOM/ANDVT/DAMA IMPROVED INTERCOM SYSTEM	4 E +											9.6. -
18179 T8196 Z8888	VHF AM/TH AND THOSE LIGH INFRARED (IR) STROBE LIGH B REPROGRAMMINGS) - -	-2.0										1.4
	CLASS P TOTAL FOR MH-60	26.1	e.		7.4	5.2	6.1	10.4	11.7				81.3
TOTAL FOR MH-60	МН-60	26.1	, e.		7.4	5.2	6.1	10.4	11.7				81.3

95/02/21 1742	1742	P-1M MODI		NOI SUM	FICATION SUMMARY 1996	96 PRES	PRESIDENT'S	BUDGET					COST	TOTAL
AIR CRAFT CL	MDD CLASS NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98 F	FY-99 F	FY-00	FY-01	FY-02	FY-03	T0 G0	PROGRAM
OTHER AI	AIRCRAFT													
C-17 P KC-10 P	TACAN SIM-10	TACAN/ADS SOFTWARE BLOCK SIMULATOR UPGRADE (KC-10)	2.0											4.4
		CLASS P TOTAL FOR OTHER	2.0											
MULTI	P-S 10208A T6027S T6075A	F100/200/220E INLET FAN S FUEL TANK FOR A/M32A-95 L #1 BEARING OIL TUBE RETAI		7. 6.	ä									3. 5. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7.
		CLASS P-S TOTAL FOR OTHER		6.	2.			1						9.9
۵	106110	CARA	∞.		1 .4	2.5					5.1			146.9
-			6.	7.8		10.6								
-	14212B			2.3	+ ∞. ε.	1.7	4.3	3.0	2.8	2.9				21.9
-	16630B		2.5	3.2							4.9			
				1.3 6.0	2.7	2.2	1.6	2.0	2.3	2.4				
E-9 MULTI	Р 3150E9 Р 3429			1.6	۔ آئ			,						48.7
MIT TIP	3431	AERP TACTICAL SECURE VOICE	ມ ຜ 4. O.	7.6										
	P 40302B	RING LASER GYRO	Τ.											
HW	6074A 6074A P 64201F		3.5	.2										ຜູ້ນີ້ ເກັນ
	066666 d	CLASSIFIED F			۲.	Ξ.	₹.	₹.	- .	₹.				
Ľ		OUT OF WARRANTY CONTRACT	ဖွဲ့က		c		4.	4.	4.	t.3				11.2
F15/F1	99999X P AMWS				!	(•	83.5	120.8				250.6
	P F 15HAR F 16MDS	F-15 HARM INTEGRATIC F-16 MANNED DESTRUCT			3.0	o _.	1	-	N	-	Ć.			
KC-135	P SIM-A SIM-C	SIMULATOR UPGRADE SIMULATOR UPGRADE									0.0 0.0			3.0 0.0 0.0
	N-WIS SIM-V	SIMULATOR UPGRADE SIMULATOR UPGRADE									26.0			
MULTI/	P SIM130 SIM141	SIMULATOR UPGRADE SIMULATOR UPGRADE	8.9								ا ا ا			6.8
C-5A/B VC-25A	P SIM5 P T4268	SIMU				ć		0			-			ر ا
MULTI C5,C14	P T8136 P T8174	UHF SATCOM/ANDVT/DAMA HF MODERNIZATION	10.5	6.0	2.7	20.2	0							
MULTI		HEATER COMBUSTOR ASSY UPG 8 REPROGRAMMINGS		-2.0										-1.6

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TOTAL	PROGRAM	881.5	894.1
COST	Fγ-94 Fγ-95 Fγ-96 Fγ-97 Fγ-98 Fγ-99 Fγ-00 Fγ-01 Fγ-02 Fγ-03 T0 G0 F		
	FY-03		
	FY-02	93.1	93.1
	FY-01	70.0 39.6 29.2 40.7 16.2 61.1 90.3 127.6 93.1	127.6
L	FY-00	90.3	90.3
S BUDGE	FY-99	61.1	61.1
SIDENT	FY-98	16.2	16.2
996 PRE	FY-97	40.7	40.7
JMMARY 1	FY-96	29.2	72.0 29.4
TION SE	FY-95	39.6	40.5
P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET	FY-94	70.0	72.0
P = 1M	MODIFICATION TITLE	CLASS P TOTAL FOR OTHER	
		CLASS P	TOTAL FOR OTHER
2 5/02/21 1742	AIR MOD CRAFT CLASS NR		TOTAL FC

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95/02/21 1742	P - 11	P-1M MODIFICATION SUMMARY 1996 PRESIDENT'S BUDGET	UMMARY 19	996 PRES	IDENT	BUDGET					TSUS	TOTAL	
AIR MOD CRAFT CLASS NR	MODIFICATION TITLE	FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 TO GO	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	T0 G0	PROGRAM	
CLASSI P 1001	COMPASS CALL	28.3 45.2		7.2	7.7	7.2 7.7 8.4 8.6 8.9	9'8	8.9				164.5	
1002 1005 1009	RIVET JOINT (CLASSIFIED) ADVANCED PROGRAM TECHNOLO SENIOR YEAR OPS	3.2										7.6	
ī,	CLASS P TOTAL FOR CLASSI	28.3 48.4		7.2	7.7	7.2 7.7 8.4 8.6 8.9	8.6	8.9				286.9	
TOTAL FOR CLASSI	? CLASSI	28.3		7.2	7.7	8.8	8.6	8.9				286.9	

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95/02/21 1742	21 1	1742	_			P - 4M	P-1M MODIFIC	ATION 8	SUMMARY	FICATION SUMMARY 1996 PRESIDENT'S BUDGET	ESIDEN	T'S BUD	GET					COST	TOTAL	
CRAFT CLASS .NR	CLAS	SS .NR		DIFIC	MODIFICATION TITLE	ITLE	FY-94	FY-9	5 FY-9	6 FY-97	FY-9	8 FY-9	9 FY-	FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 T0 GD	F	-02 	\ \03	10 00	PRUGRAM	
DARP	۵	6666	39D DEFEN	ISE A1	RBORNE	99999D DEFENSE AIRBORNE RECONNAI		68.2	8										68.2	
			CLASS P	٦	TOTAL FOR DARP	JR DARP		68.2	2			1							68.2	
		•	!												1					
	101	ral FC	TOTAL FOR DARP					68.2	2										68.2	

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/21 174		P-1M MODIFICA	TION SU	MMARY 1	996 PRE	SIDENT	IFICATION SUMMARY 1996 PRESIDENT'S BUDGET	-				TSUJ	TOTAL
AIR MOD CRAFT CLASS NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	Y-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 TO GO	FY-00	FY-01	FY-02	FY-03	T0 G0	PROGRAM
CLASS PTOTALS CLASS P-S TOTALS	A	923.0	1067.7	35.4	114.3 1261.3 35.4 33.1	1253.9	1476.8	1566.4	1390.5	3.8	704.3	914.6	25745.3
GRAND TOTAL		996. 1	1107.8	1149.7	1294.4	1270.0	1490.6	1581.4	1407.0	1118.9	704.3	914.6	26517.0

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SECTION 2 P-1N INSTALLATION SUMMARY

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5/05/	5/02/21 1743	43	P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET	TION SL	JMMARY 1	996 PRE	SIDENT	s BUDGE	<u> </u>					ALL
AIR	CLASS	MOD	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	YEARS
8-1-8	P-S	10407A	10407A AFT DC POWER UPGRADE 10414A OVERWING FAIRING FIRE PREVENTION		7.	4.	4.1	4.3	5.0					18.2
		01	TOTAL FOR CLASS P-S		T.	4.4	4.4	4.3	5.0					94.0
B-1.	۵	3150-R N	NAVSTAR GPS - COMM UPGRADE (A/J RADIO AVIONICS COMPUTERS					ю.	14.5	17.9	7.	Ю	2.9	32.7 12.0
			UDAM/1760 CONVENTIONAL ENHANCEMENTS ECM UPGRADE PROGRAM											- -
		4295 4296 4298 4300 65038	FLAP/SLAI CONTROLLER SPOILER CONTROL GENERATOR CONTROL CONVENTIONAL BOMB MODULE CONVERSION AMDONYED FNGINE WEAR RESISTANCE			ო.	4.4							1.1 E.
			SIMULATOR UPDATES WIND CORRECTED MUNITIONS DISPENSER BAND 5 AFT TRANSMITTER HVPS BAND 8 REAM STEFFING					4.		4.				- 2
		8	DAND OF CENTRAL BAND REJECT FILTE INTERFORM GENERATOR EEPROMS 1122 IMPROVEMENT			ი ი	შ	4.2	2.9					22.0
			LOW COST MODIFICATIONS LANCER 101C LANCER 101E LANCER 101E		3.5	6.	0.1 8.	9. 0.	. æ. æ.	ō.				10.3
		F	TOTAL FOR CLASS P		3.2	10.3	8.4	9.8	20.2	19.2	€.	ε.	2.9	100.2
	T01/	TOTAL FOR B-1	· · · · · · · · · · · · · · · · · · ·		3.9	14.4	12.5	14.1	25.2	19.2	6.	e.	2.9	194.2

95/02/21 1743 AIR MI CRAFT CLASS I	1743 MOD SS NR	P-1N INSTALL/MODIFICATION TITLE	INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET	MMARY FY-95	1996 PRE FY-96	SIDENT'	S BUDGI FY-98	ΞΤ FY-99	FY-00	FY-01	FY-02	FY-03	ALL
B-52 P-S	- ————————————————————————————————————	99999A LOW COST SAFETY MODIFICATIONS									,		
		TOTAL FOR CLASS P-S											
B-52 P	14304B 18501B 3116	STD FLT DATA REC WST BLOCK I UPDATE VLF/LF MINIATURE RECEIVE TERMINAL		ä	ú								4 2 5 5 .
··	_	STORES MGMT SYS		2.2	. 2		4.2	8. L					6.2
	_	VIEWING SYSTEM	2.2						e. e.				1.0 2.6 1.9
Ţ	4257 4258 4259 1	B-52H DEFENSIVE FIRE CONIROL KEMUVAL HARPOON UNIVERSAL BOMBBAY ADAPTER JOINT DIRECT ATTACK MUNITION							1	•	(
	a ×	ECM IMPROVEMENT GPS TACAN WIND CORRECTED MUNITIONS DISPENSER HIGH RELIABILITY BATTERY LOW COST MODIFICATIONS				7.		2.6	7.9 2.5	ກ <u>←</u> ບັນ	- .		
-		KEPKUGKAMMINGS											
	 	TOTAL FOR CLASS P	2.2	7.5		1.2	2.0	6.0	11.0	9.6	3.1		57.0
7.	TOTAL FOR B	B-52	2.2	7.5	1.	1.2	2.0	6.0	11.0	9.6	3.1		57.0

5/02/21 1743 AIR M CRAFT CLASS	43 MOD NR	P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET MODIFICATION TITLE FY-94 FY-95 FY-96 FY-97 FY-98 F	ATION SI FY-94	UMMARY FY-95	1996 PRI FY-96	ESIDENT FY-97	′S BUDG FY-98	EΤ FΥ-99	FY-00	FY-01	FY-02	FY-03	ALL YEARS
F-117 P-S 8	99999A	LOW COST SAFETY MODIFICATIONS											
		TOTAL FOR CLASS P-S											
F-117 P	11324	PLATY BRICK/BLOCK REPLACEMENT	₹.	1.3	1.9	2.0	6.6	-	₹.				9.6
	11330	LONGTERM MOPS UPGRADE TO AFMSS LONGTERM TO THE THE TWO IS THE TOWN			ល់				7.	7.	7.	7.	3.5 2.5
	11331	u S	- .	1.2	2.0	2.1	e.				7	4	5.7 7.4
-	11333 11335	CMS UPGRADE TO AFMSS LEADING EDGE LOW FREO RCS REDUCTION				Ċ	Ċ	0.0	0.4	4.0	. 0.	. 9	- 4 o
	3150 31901	NAVSTAR GPS 20D15 EXAUST AREA PROTECTION	4.	4.	4.		3. £	7.7	٥.				2.0
	31902 31904	APEX FORMATION LIGHT STEEL COMPRESSOR CASE	4.	1.9	1 .3	1.3	4.0						5.9
•	31907	PARKING BRAKE SWITCH PITOT-RADAR CROSS SECTION OPTIMIZATIO		.2	4	4	₹.						
•	31913	ANTENNA REPL				τ.						1.0	. 27 .
•	31919	LOW OBSERVABLE IFF ANTENNA REPLACEMEN HI-PRESSURE-TURBINE COOLING PLATE						ю.	r.	1.0		∞.	4. 1. 0.8
- •	31924	TORQUER/DRIVER IMPROVEMENTS OMNIBUS ENGINE MODIFICATIONS				,	4.	5	ε.				4.0
	31929	ICING DETECTION AND PROTECTION CMDS INTENSITY AND GLARE		ც	∞ .	æ	- .						,
•	31934	CREW EMERGENCY ESCAPE SYSTEM REPLACE LIFE-LIMITED SKIN PANELS AND							4.7	6.4	6.4	6.6	29.6
	31937	RADAR ABSORBING MATERIAL RECOATING					ь. С	10.0 .3	10.0	0.0	0.9		0. re 0. re
	31941	FLIR SCREEN IMPROVEMENT PROGRAM						2.	. 2	.2	.2	- .	<u>ი</u>
	31942	TECHNOLOGY ITEM USE REDUCTION						. 2	е. С	ღ.	ღ.	2.	E .
	31944	TARGET AREA PLANNING REHOST BLEED AIR FIRE WARNING REPLACEMENT											(
	31957	LO OBSERVABLE UHF ANTENNA REPLA											∞.
	S66666												
	X66666												
	Z88888	3 REPROGRAMMINGS											

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95/02/21 1743		P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET	ARY 1996 PR	RESIDENT	S BUDGE	-					
AIR MOD CRAFT CLASS NR	MODIFICATION TITLE	FY-94 FY	FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 YEARS	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	YEARS
- T	TOTAL FOR CLASS P	0.	1.0 5.5 7.3 10.2 6.1 14.8 18.4 14.6 15.0 10.4 120.3	10.2	6.1	14.8	18.4	14.6	15.0	10.4	120.3
TOTAL FOR F-117	-117	1.0	5.5	10.2	6.1	6.1	18.4	14.6	15.0	10.4	120.3

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5/02/21 1743	1743	P~1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET	TION SU	IMMARY	1996 PRE	SIDENT	s BUDGE						-
AIR CRAFT CLASS	MOD ASS NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	YEARS
A-10 P	A66666 2-	P-S 99999A LOW COST SAFETY MODIFICATIONS							•				
		TOTAL FOR CLASS P-S											
A-10 P	3150 3150				9.	1.0	2.0	2.0	1.8 5.4	2.4			11.8 17.5
	3301 3429 3441	LOW ALTITUDE SAFETY & TARGETING ENHAN A/B SINCGARS AJ COMM IDM			<u>-</u> .	7.	9. E	3.8	2.0	1.7	4.		6.7
	6029 7091 7092 7093 7130 99999X 288888		2	4 8.	2.2	2.4	φ _.			.	2 .	თ _.	2.2
													_
		TOTAL FOR CLASS P	5.	4.8	3.9	6.1	1.1	13.3	12.9	9.9	2.5	o	64.3
	TOTAL FOR A-10	A-10	2.	8.4	3.6	6.1	-	13.3	12.9	6.6	2.5	, σ ₀	64.3

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ALL YEARS	Si	3.	2.
FY-03			
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λ-00			
Y - 99			
INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-03			1
1DENT'S Y-97 F			
96 PRES Y-96 F			
MARY 19 Y-95 F	ä	2.	2.
ION SUM Y-94 F		-	
STALLAT		ļ	1
P-1N IN			
	1254OB FORWARD UPPER ENGINE MOUNT 3219 EO-LOROPS 52087B FUEL QTY INDICATOR 99999X LOW COST MODIFICATIONS		
MODIFICATION TITLE	ENGINE CATOR FICATIC	9 S	
MODIFIC	ID UPPER IOPS TY IND	TOTAL FOR CLASS P	
	FORWAR EO-LOR FUEL G LOW CC	TOTAL F	F/RF-4
743 MOD S NR	12540B 3219 52087B 99999X		TOTAL FOR F/RF-4
95/02/21 1743 AIR MOD CRAFT CLASS NR	F/RF-4 P		101/
95/0 AIR CRAF	F/RF		
		1 1	

CLASS NR	5/02/21 1743	1 1743	P-1N INSTALL	INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET	UMMARY	1996 PRE	SIDENT	's BUDG	<u></u>					ALL
P-S 13699A AFT ENGINE BAY FIRE DETECTION 13642B AN/APG-63 RADAR LUMPATE (RRM) 13642B AN/APG-63 RADAR LUMPATE (RRM) 16642B LANDING GAR WIRTNOS SUTANDOR 16642B LANDING GAR WIRTNOS SUTANDOR 16643B ANGENING GAR GAR GAR GAR GAR GAR GAR GAR GAR GA		2	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	YEARS
P-S 1983A AT ENAURE DATE (R8M) 19647B HIGH PRESSURE WATER SPARATOR 19642B ALVAPG-63 RADAR LRU UPDATE (R8M) 19642B HIGH PRESSURE WATER SPARATOR 19642B HIGH PRESSURE WATER SPARATOR 19762B STANDING SERE WATER SPARATOR 19762B STANDING SERE WATER SPARATOR 19762D ALR-BGC 27128B ANTENNA BORESIGHT FIXTURE TEST STN 19752D ALR-BGC 27128B AND FINANTEN BORESIGHT FIXTURE TEST STN 19752D ALR-BGC 19753D ALR-						1.4	α.							4.6
TOTAL FOR CLASS P - S	- 15		AFI ENGINE DAT FIRE											7 0
13642B ANVAPG-63 RADAR LRU UDDATE (R&M) 15642B ANVAPG-63 RADAR LRU UDDATE (R&M) 15624B LANDING GERR WIRTING/SWITCHES 1.1					İ	4.	ω .							, 1
ATRIANDRO FLIGHT DATA RECORDER ATR-56 MANYSTAR GPS MANYSTAR GPS MANYSTAR GPS MANYALE-45 CHF/FLR DISPENSERS ALQ-135 PAI ANVALE-45 CHF/FLR DISPENSERS COMBAT EDGE ATRIBORNE VIDEO TAPE RECORDER JESS ALG-135 PAI ANVALE-45 CHF/FLR DISPENSERS COMBAT EDGE ANVALE-45 CHF/FLR DISPENSERS ANVALE-45 CHF/FLR DISPE		++*+	AN/APG-63 RADAR LRU UPDATE HIGH PRESSURE WATER SEPARAT LANDING GEAR WIRING/SWITCHE WING FUEL TRANSFER PUMP	- 9.		 -	4 t	2.4 6.	2.5	9.0 9.				4.6 5.8 6.4 7.6
ANTENNA BORESIGHT FIXTURE TEST STN ANTENNA BORESIGHT FIXTURE TEST STN GPS ANTENNA BORESIGHT FIXTURE TEST STN GPS ANTENDATA ALR-56C ALQ-135 ALR-66C ALQ-135 ALQ-135 ALR-66C ALQ-135 ALR-66C ALQ-135		17606l 19740(. .								3.0
MAYSTAR GPS MSTP PROGRAM: C/D SERIES MSTP PROGRAM: C/D SERIES MSTP PROGRAM: C/D SERIES MSTP PROGRAM: C/D SERIES ALQ-135 PAI ALG-135 PAI A		19750(27128[MSOGS ANTENNA BORESIGHT FIXTURE TEST			. r	7.5	3.2						_
MSIP PROGRAM: C/D SERIES ALQ-135 ALQ-		3 150M	STAR GPS			•	9.	8.3	20.8	11.6	•			45.8 69l.6
ALQ-135 AIRBORNE VIDEO TAPE RECORDER AIRBORNE VIDEO TAPE RECORDER AIRBORNE VIDEO ATH BLADE OUTER SEAL ATH BLADE OUTER SEAL ATH BLADE OUTER SEAL ATH ROBUST BLADE ATH BLADE		3192 3192∆	MSIP PROGRAM: C/D			S . 7								
ALQ-135 P31 ALQ-135 P31 ALQ-135 P31 AN/ALE-45 CHF/FLR DISPENSERS ATBRORNE VIDEOT ATH BLADE OUTER SEAL ATH BLADE CASING TUBE IMPROVEMENT ATH DISK BRUSH SEAL ATH		3192B	ALQ-135											
UTIDS COMBAT EDGE A IRBORNE VIDEO TAPE RECORDER JFS SEAL ATH BLADE CUTER SEAL ATH ROBUST BLADE 2ND VANE INNER AIR SEAL HYBRID NOZZLE COKING A-7 BCN BLADE TANGENTAL OUTBOARD INDUCER CIVV VANE ARM BOLT VANE PASSAGE CASING TUBE IMPROVEMENT TUBE IMPROVEMENT TUBE IMPROVEMENT THE DISK BRUSH SEAL EDU COOLING TUBES TA HOISK BRUSH SEAL EDU COOLING TUBES TA HOISK BRUSH SEAL EDU COOLING TUBES TB FUEL HEAT RECIRCULATION TB INCREASED JFS HYD START ENERGY TB SECTOR/VLV CABLE BUTTERFLY TB SECTOR/VLV CABLE BUTTERFLY THE SECTOR/VLV CABLE BUTTERFLY THE POZZO ENGINE INTERCHANGEABILITY THE SEACH SEAL THE SECTOR START ENERGY THE SEAL START ENERGY THE		3192C 3204	ALQ-135 P3I AN/ALE-45 CHF/FLR											5.2
COMBAT EDGE ATRONNE VIDEO TAPE RECORDER JES EXALUST DUCT ATH BLADE OUTER SEAL ATH ROBUST BLADE ATH BLADE AT		3316	UTIDS											
JFS EXHAUST DUCT 4TH BLADE OUTER SEAL 4TH BLADE .1 .1 .2 .2 2ND VANE INBRA AIR SEAL <td></td> <td>3437</td> <td>DEO TAPE</td> <td></td> <td>-</td>		3437	DEO TAPE											-
41H BLADE UDIER SEAL 41H BLADE UDIER SEAL 2ND VARIE NER AIR SEAL 41H ROBUST BLADE 2ND VARIE DAIR SEAL HYBRID NOZZLE COKING 4-7 BCN BLADE TANGENTAL OUTBOARD INDUCER CIVV VARE ARM BOLT VARE PASSAGE CASING TUBE IMPROVEMENT 4TH DISK BRUSH SEAL EDU COOLING TUBES 7B FUEL HEAT RECIRCULATION 11.5 11.5 11.5 12.1 13.0 14.4 17.9 18.0 19.0 19.1 19.1 19.1 19.1 19.1 19.1 19		6003	JFS EXHAUST DUCT											
2ND VANE INNER AIR SEAL HYBRID NOZZLE COKING 4-7 BCN BLADE TANGENTAL OUTBOARD INDUCER CIVV VANE ARM BOLT VANE ARM BOLT VANE ARM SEAL EDU COOLING TUBES THE IMPROVEMENT 4TH DISK BRUSH SEAL EDU COOLING TUBES TO CO		6041 6048	BLADE UDIEK SEP ROBUST BLADE				- .		- .	. 2	. 2	. 2	.2	. 0
HIBRID NOISE CONTING TO BE BLODE TANGENTAL OUTBOARD INDUCER CIVV VANE ARM BOLT VANE PASSAGE CASING TUBE IMPROVEMENT 4TH DISK BRUSH SEAL EDU COOLING TUBES TO COOLING TUBES TO BE INCREASED US HYD START ENERGY TO BE INCREASED		6052	VANE INNER AIR											
TANGENTAL OUTBOARD INDUCER CIVV VANE ARM BOLT VANE PASSAGE CASING TUBE IMPROVEMENT 4TH DISK BRUSH SEAL EDU COOLING TUBES 7B FUEL HAT RECIRCULATION 11.5 18 INCREASED JFS HYD START ENERGY 18 EJECTOR/VU CABLE BUTTERFLY 2.1 2.1 2.1 4 17.9 APG-63 RADAR		6055 6055	HIBRID NOZZLE CONING 4-7 BCN BLADE											
CIVV VANE ARM BUL! VANE PASSAGE CASING VANE PASSAGE CASING TUBE IMPROVEMENT 4TH DISK BRUSH SEAL EDU COOLING TUBES TB FUEL HEAT RECIRCULATION 1.5 TB FUEL HEAT RECIRCULATION 18 EJECTOR/VLV CABLE BUTTERFLY 2.1 APG-63 RADAR		6065	TANGENTAL OUTBOARD INDUCER											
VANE IMPROVEMENT VANE IMPROVEMENT TO COLING TUBES THE DISK BRUSH SEAL EDU COOLING TUBES TO COOLING TUBES THE FUEL HEAT RECIRCULATION THE FUEL HEAT RECIRCULATION THE EJECTORY/LLV CABLE BUTTERFLY THE EJECTORY/LLV CABLE BUTTERFLY THE FORCE TOO/220 ENGINE INTERCHANGEABILITY TOO/220 ENGINE INTERCHANGEABILITY TOO/220 ENGINE INTERCHANGEABILITY TOO/220 ENGINE INTERCHANGEABILITY TO COLOR		9909	CIVV VANE ARM BUL!											
4TH DISK BRUSH SEAL EDU COOLING TUBES 7B FUEL HEAT RECIRCULATION 1B INCREASED JFS HYD START ENERGY 1B EJECTOR/VLV CABLE BUTTERFLY 2B 100/220 ENGINE INTERCHANGEABILITY APG-63 RADAR		909	TUBE IMPROVEMENT										-	
EDU COOLING TUBES 7B FUEL HEAT RECIRCULATION 1B INCREASED JFS HYD START ENERGY 1B EJECTOR/VLV CABLE BUTTERFLY 2B 100/220 ENGINE INTERCHANGEABILITY APG-63 RADAR		6071	4TH DISK BRUSH SEAL										•	
TB FUEL HEAT RECIRCULATION 1.5 18 INCREASED JFS HYD START ENERGY 18 EJECTORY/LUV CABLE BUTTERFLY 28 100/220 FUGINE INTERCHANGEABILITY 28 406-63 RADAR		6082												1.5
IB INCREASED OFS HID START ENERGY 1B EJECTOR/VLV CABLE BUTTERFLY 2B 100/220 FUGINE INTERCHANGEABILITY APG-63 RADAR		64027	FUEL HEAT RECIRCUL											1.5
2.0 14.4 17.9 APG-63 RADAR		64031	INCREASED OFS HYD	2.1										0 I
APG-63 RADAR		65042	100/220 ENGINE INTERCHANGEABIL		7.				c	7	47.0	000	22 B	0 0 0 0
		8049	APG-63 RADAR). N	<u>.</u>	2)) - 	! !

ALL	4. r. c. c. c. r.	4 L	281.7	285.1
FY-03	ر ت	ø.	25.1	25.1
FY-02	0.	េ	22.6	22.6
FY-01	<u>ن</u>	ល់	23.4	23.4
FY-00	. 6	.	32.4	32.4
T F Y - 99	. -	७ _.	28.0	28.0
S BUDGE FY-98	e 6 .		16.4	16.4
SIDENT'	ω.		10.1	10.9
996 PRE	. ზ		22.9	24.3
MMARY 18			. 7.	. T.
INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET FY-94 FY-95 FY-96 FY-97 FY-98 F			5.2	5.2
P-1N INSTALL MODIFICATION TITLE		MISC SIMULATOR UPDATES LOW COST METROFIT MODS LOW COST MODIFICATIONS SECONDARY POWER UPGRADE DIGITAL MAP SYSTEM REPROGRAMMINGS	TOTAL FOR CLASS P	F-15
95/02/21 1743 AIR MOD CRAFT CLASS NR	F-15 P 8051 8053 8158 8 164 8 239 8 249 8 250 8 250	999999 999999 999999 999999 1		TOTAL FOR F-15

5/02/ AIR CRAFT	5/02/21 1743 AIR M RAFT CLASS	743 MOD S NR	P-1N INSTAĽLATION SUMMARY 1996 PRESIDENT'S BUDGET MODIFICATION TITLE FY-94 FY-95 FY-96 FY-97 FY-98 F	TION SI FY-94	JMMARY FY-95	1996 PRE FY-96	SIDENT	'S BUDGI FY-98	£Τ FY-99	FY-00	FY-01	FY-02	FY-03	ALL YEARS
1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	8-9 S-9	10501A 18503A 19203A 99999A	F100-PW-220/220E INTERCHANGEABILITY WING BEEF-UP F100-220E ENGINE UPGRADE LOW COST SAFETY MODIFICATIONS LOW COST ENGINE SAFETY MODIFICATIONS	-	4.7	8.				• .				5.5 4.8 4.2
				1.	7.4	4.8								24.5
F - 16	۵	1590 16508B 173009		4.	(تن ت	۲.	۲.	6.	1.0	თ.	1.4		4. 6.6
		19229E 3088		4.	ω. 4 .	v. 4	 . 4	ລີດ. ໝີ	.4	15.6				35.0
		3150M 3250	NAVSIAK GPS OPERATIONAL CAPABILITY UPGRADE (OCU)	2.7	٠.									1.0
		3392	CSFUR B4O W/B5O WHEELS/BRAKES	!		ت	3	ت	ღ.	ŗ.	ī.			3.7
		3450 4260	JOINT DIRECT ATTACK MUNITION											,
		4261												<u>-</u>
		50003B 5016	ANTI-SKID ALGURIJHM DIGITIAL TRANDSFER CARTRIDGE (DTC) MAIN AIDCDART RATTERY											•
		53U944 53U944		₹.										- .
		53U946 53U947												2.0
		5553	UPDG RETROFIT (BLOCK 50 A-C) BACKID CONTROL CIRC	1.0										0.0
		570051		2.8		c	c	(*	٨	e	6			0 0 0 0
		58006A	WOW SWITCH	2.7		7			•		!			1.7
		58044B		2.0										2.0
		580468		6.5										6.5
		590450 6018				1	α							5
4		6020	SCREECH REDUCTION 129 ENGINE DIRECTOR 30 CAS								4.6	23.0	18.7	46.3
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95/02/21 1743	1743	P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET	TION SU	IMMARY 1	1996 PRE	SIDENT	s BUDGE	F					
AIR MOD	MOD SS NR	MDDIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	Fγ-98	FY-99	FY-00	FY-01	FY-02	FY-03	YEARS
1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	602040 BLOCK 40 CAS	3K 40 CAS						6.1	22.4	32.1	 	0	64.1
	6021 6022 602240	MMMC BLOCK 50 F-16 STRUCTURAL IMPROVEMENT PROGRAM BLOCK 40 STRUCTURAL IMPROVEMENT		6.2	26.3 19.1	29.3 20.4	36.6 22.0	39.3 12.1	40.6 3.0	7.	0.	?.	207.3 88.5
	99999E MISC 99999U LOW 99999X LOW	MISC ENGINE UPDAIE MUDS LOW COST RETROFIT MODS LOW COST MODIFICATIONS											
		UPGRADE THE AIR DATA COMPUTER 1ST STAGE CONTAINMENT E 110 MAIN FUEL PUMP LEAKAGE PREVENTIO		•									4.(
		F110 EXHAUST NOZZLE OUTER FLAP HINGE F110 STG 182 DISK & BLADE REDESIGN											4 O -
	F17600 F110 F19000 F110	CLUBE TANK PRIORITY SYSTEM OTHERINE FRAME OIL TUBE WRENCHING											9.
ŢĒ.	F19300 F110 F19400 F-1 Z88888 REPI	F110 MINI MEC F-110-GE-129 (DEC) UPGRADE REPROGRAMMINGS					•						
	TOTA	TOTAL FOR CLASS P	20.8	19.4	49.2	53.2	65.2	75.1	83.4	39.5	35.7	27.0	509.2
7	TOTAL FOR F-16		21.9	26.8	54.0	53.2	65.2	75.1	83.4	39.5	35.7	27.0	533.7

5/02/21 1743 AIR MOD CRAFT CLASS NR	P-1N INSTAL	P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 YEARS
EF-111 P-S 99999A	EF-111 P-S 99999A LOW COST SAFETY MODIFICATIONS TOTAL FOR CLASS P-S	
EF-111 P 19207B 3370 99999X Z88888	19207B AN/ALM-204 TEST STATIONS 3370 ALQ-99 SIP ENCODER PROCESSOR 99999X LOW COST MODIFICATIONS Z88888 REPROGRAMMINGS	L.
	TOTAL FOR CLASS P	
TOTAL FOR EF-111	EF-111	T

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5/02/21 1743 AIR MOD		P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET ALL EV-04 EV-06 EV-06 FV-07 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 YEARS	L RS
CRAFT CLASS NR	MODIFICATION TILE		
A/T-37 P-S 99999A LC	A/T-37 P-S 99999A LOW COST SAFETY MODIFICATIONS		
TO1	TOTAL FOR CLASS P-S		
A/T-37 P 99999X LC	99999X LOW COST MODIFICATIONS		
101	TOTAL FOR CLASS P		
TOTAL FOR A/T-37	1-37		-

95/02/21 1743 AIR M CRAFT CLASS	/21 17	743 MOD S NR	P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET MODIFICATION TITLE FY-94 FY-95 FY-96 FY-97 FY-98 F	TION SI FY-94	JMMARY FY-95	1996 PR FY-96	ESIDENT FY-97	′S BUDG FY-98	ET FY-99	FY-00	FY-01	FY-02	FY-03	ALL	
C-5	P-S	21107A		9.										+.	
		99999A	LOW COST SAFETY MODIFICATIONS										!	-	
	ī,,	, -	TOTAL FOR CLASS P-S	9.										- -	
C - 5	۵.	14220B 15203B	MLG/DOOR ACTUATING SYS (R&M) MADARS REPLACEMENT	0.6	1.2	9.1	3.4							43.4 32.8	
		15205B 17204B 23121B	EXPANDED FAN SPEED NI INDICAIUR PYLON FIRE SAFETY IMPROVEMENT IMPROVED BOLTING NOZZLE SEAL											0.6	
		23185B 23225B	MAIN FUEL CONTROL RECAM REPLACE IFF SYSTEM											₹.	
		26110B 3150	TF39 ENGINE ANTI-ICE VALVE NAVSTAR GPS			. 2	3.7	3.7	2.7	2.5				12.8	
· <u>·</u>		3222	MAC C2 SATCOM ANTENNAS	- - «										- ო	
-		3234 3455	CRUSS WIND LANDING GEAN AIRLIFT DEFENSIVE SYSTEMS		4.	1.6	3.4	1.2	æ.					10.5	
		3456B	FLIGHT STATION GALLEY MADARS II MULTIPLEXER PROCESSOR UPGRA	9.										?	
		6030													
		6031	COMPARTMENT FLOOR CORROSION PREVENTIO												
		6033 6034	INSTALLATION OF NOSE LANDING GEAR DOO TF39 ENGINE VAPOR BARRIER												
		6035	D-SUMP LUBE LINE MODIFICATION SMADT ENGINE DIAGNOSTICS												
-		6037	TF39 ENGINE HIGH PRESSURE TURBINE								4.1	შ. წ.	ი ი ი ა	30.4 23.8	
		6038 6039	AUIOPILUI AND FLIGHI AUGMENIAIION COCKPIT/COURIER FLOOR STRESS PANEL								. 2	3.4	3.4	14.1	
		6046													
		166666 166666													
		29999X TO110B Z88888	LUW CUSI MUDIFICATIONS PITCH TRIM MANIFOLD REPROGRAMMINGS												

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ALL	149.2	150.3
FY-03	12.8	12.8
FY-02	12.4	12.4
FY-01	7.0	7.0
ALL ALL FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 YEARS	11.0 1.6 12.4 12.2 4.9 3.5 2.5 7.0 12.4 12.8 149.2	2.5
T FY-99	3.5	3.5
S BUDGE FY-98	6.4	4.9
SIDENT'	12.2	12.2
1996 PRE FY-96	12.4	12.4
JMMARY FY-95	1.6	9.
ATION SU FY-94	1.0	11.6
N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET FY-94 FY-95 FY-96 FY-97 FY-98 F	·	
P - N		
TIT NO	٥	
MODIFICATION TITLE	TOTAL FOR CLASS P	
WO	TAL FOR	വ
MOD NR	10.	OTAL FOR C-5
5/02/21·1743 AIR MOD CRAFT CLASS NR		TOTAL
5/02 AIR CRAFT		

95/02/21 1743 AIR MOD CRAFT CLASS NR	P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET RY-94 FY-95 FY-96 FY-98 F	ATION SU FY-94	JMMARY 1 FY-95	1996 PRE FY-96	996 PRESIDENT' FY-96 FY-97	S BUDGE FY-98	Fγ-99	FY-01	FY-00 FY-01 FY-02	FY-03	ALL YEARS
26165B 3150 41090B 4268 99999S Z88888	26165B REPL FLIGHT DATA RECORDER 3150 NAVSTAR GPS 41090B C-9 ENGINES 4268 MISSION COMMUNICATION SYSTEM UPGRADES 99999S SERVICE BULLETINS Z888BB REPROGRAMMINGS	7.		ស់	ιύ	r. ˙	ល់				. 6 4 & &
	TOTAL FOR CLASS P	_	5.	r.	r.	r.	5.				3.0
TOTAL FOR C-9	G-0	-	ī.	ιύ	, r.	R.	. 55				3.0

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5/02/21 1743 AIR MC	43 MOD	P - N	ns	MMARY 1	996 PRE	SIDENT'	S BUDGE	T:)))	FY-01	FY-02	FY-03	ALL YEARS
CRAFT CLASS NR	R.	MODIFICATION TITLE	FY-94 F		ļ	6		3	8	; - -			
G G G G G G G G G G G G G G G G G G G	3429 6011 6012 6012 6013 6014 6015 6015 6025 6025 6028 899999X Z88888	A/B SINCGARS AJ COMM CANADIAN RETRIEVAL SYSTEM AIRLIFT DEFENSIVE SYSTEMS (ADS) ACCELERATED AIRLIFT DEFENSIVE SYSTEM AUTOMATED G-FILE/DIGITIZED T.O. SYSTE COMFORT PALLET ELECTRICAL PROVISIONS CONTAINER DELIVERY SYSTEM ENHANCEMENT SATCOM UPGRADE UPGRADE TO 75/90 KVA GENERATOR AUTOMATED COMMUNICATIONS PROCESSOR AUTOMATED COMMUNICATIONS PROCESSOR AOD POUND PARATROOPER SEAT INERTIAL REFERENCE UNIT INTERNAL GUSTS LOCKS LOW COST MODIFICATIONS REPROGRAMMINGS		ο [.] rċ	+ 4	ς 4 ς :	4. E. 3.	e	Ö			ά 4	2. 8. 2. 2. 2. 4. 4. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.
		TOTAL FOR CLASS P	ا. ت	4.1	4.0	11.0	8.2	1.0	2.			9.	27.9
TOTA	TOTAL FOR C-17	- C-17	5.	4.1	4.0	11.0	8.2	1.0	2			9.	27.9

95/02/:	95/02/21 1743	NI - d	INSTALLA	'S BUDGET	
AIR CRAFT	AIR MOD CRAFT CLASS NR	MODIFICATION TITLE	FY-94 FY-95 FY-96 FY-97	FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 YEARS	-03 YEARS
C-21 P		3150 NAVSTAR GPS 99999S SERVICE BULLETINS	- ·	.9 1.2 1.3	3.5
	7,	TOTAL FOR CLASS P		.9 1.2 1.3	3.5
,÷	TOTAL FOR C-21	C-21		1.3	3.5

ALL FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 YEARS P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET FY-94 FY-95 MODIFICATION TITLE 99999S SERVICE BULLETINS Z88888 REPROGRAMMINGS TOTAL FOR CLASS P 5/02/21 1743 AIR MOD CRAFT CLASS NR ٩ C-22

TOTAL FOR C-22

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ALL YEARS	τ .	<u> </u> -	<u></u>
FY-03			
TION SUMMARY 1996 PRESIDENT'S BUDGET FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03			
FY-01	₹.	-	7.
FY-00			
EΤ FY-99			
'S BUDG FY-98			
ESIDENT FY-97			
1996 PR FY-96			
SUMMARY FY-95			
INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET			
P-1N MODIFICATION TITLE	AIRLIFT DEFENSIVE SYSTEMS SERVICE BULLETINS	TOTAL FOR CLASS P	
95/02/21 1743 AIR MOD CRAFT CLASS NR	C-27 P 3455 AIRLIFT DEFENSIVE 99999S SERVICE BULLETINS	TOTAL I	TOTAL FOR C-27

ALL ALL FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 YEARS	1.4	1.4	1.4
P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET MODIFICATION TITLE FY-94 FY-95 FY-96 FY-97 FY-98 FY	MISSION COMMUNICATION SYSTEM UPGRADES SERVICE BULLETINS LOW COST MODIFICATIONS	Q	
5/02/21 1743 AIR MOD MODIFICAT	C-137 P 4268 MISSION COMMUNICATION 99999S SERVICE BULLETINS 99999X LOW COST MODIFICATIONS	TOTAL FOR CLASS P	TOTAL FOR C-137

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95/02/21 1743	743	P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET	TION SC	IMMARY 1	996 PRE	SIDENT'	s BUDGE	H					ALL
AIR CRAFT CLASS	MOD S NR	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02 FY	FY-03	YEARS
C-141 P-S	99999A 1	P-S 99999A LOW COST SAFETY MODIFICATIONS								!			
-	Ĭ	TOTAL FOR CLASS P-S											, ;
C-141 Þ	136278	13627B AWLS & AUTOPILOT			4.0	3.5	2.7	4.6	. .	-			6.5
	13652B 3150	FUEL QUANIIIY INDICALING SYSTEM NAVSTAR GPS					- .	4.1	4.1				2.9
J.F		MAC CZ SAICUM ANIENNAS HF AUTO COMM PROCESSOR (ACP) INFRARED COUNTERMEASURES		• (•	(,	c	•				1.6
	3455 6040	AIRLIFT DEFENSIVE SYSTEMS ENGINE INSTRUMENT DISPLAY SYSTEM		.	1.4	9.	4.	o . o.	9.				9.
	<u>Б</u> 2	SATCOM STD FLIGHT LOAD RECORDER WEEP HOLF REWORK	2.1										1.1
- -		ARMOR PLATING LOW COST RETROFIT MODS OUR COST MODIFICATIONS	
		APN 169-C ESKE OVERWATER DEFICIENCIES											
	-	TOTAL FOR CLASS P	2.1	2.3	2.4	6.1	4.9	4.4	3.3	1.0			35.7
. T01	TOTAL FOR C-141	-141	2.1	2.3	2.4	6.1	4.9	4.4	9.3	1.0			35.7

ALL	4.	4.	4.
FY-03			
FY-02			
FY-01			
FY-00			
FΥ-99	6.	. 2	. 2
.'s BUDG FY-98		2.	.2
RESIDENT			
1996 PR			
INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-03			
FY-9			
P-1N			
ATION TI		٥	
MODIFICATION TITLE	R GPS	TOTAL FOR CLASS	
	NAVSTAR GPS	TOTAL F	÷
1743 MOD SS NR	3150		TOTAL FOR T-1
5/02/21 1743 AIR MOD CRAFT CLASS NR			10
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ALL	YEARS			
	FY-03			j
	FY-02			
	FY-01			
	FY-00			
Н	FY-99			
'S BUDG	FY-98			
ESIDENT	FY-97			
1996 PR	FY-96			
SUMMARY	FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 YEARS			
INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET	FY-94	1		
N INSTA				
P - 1N	LE			
	TIT NOI.	CATIONS	۵	
	MODIFICATION TITLE	T MODIF	TOTAL FOR CLASS P	
	Ĭ	LOW COS	OTAL FO	ဗ
1 3	MOD	99999X LOW COST MODIFICATIONS	F	TOTAL FOR T-3
95/02/21 1743	AIR MOD CRAFT CLASS NR	۵	ī.,	TOTA
95/02	AIR	£-1		

5/02/ AIR CRAFT	5/02/21 1743 AIR MOD CRAFT CLASS NR		P-1N INSTALLA MODIFICATION TITLE	INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET FY-94 FY-95 FY-96 FY-97 FY-98 F	1996 PR FY-96	ESIDENT FY-97	'S BUDGE FY-98	ET FΥ-99	FY-00	FY-01	FY-02	FY-03	ALL YEARS
1-38	S - G	P-S 10206A FUS STA 325 BULKHEAD FORMER CH 14207B COCKPIT ENCLOSURE (PC) 19205A BIRD IMPACT RESISTANT WINDSCRE 20104A 66% SPAR STRAP 99999A LOW COST SAFETY MODIFICATIONS	JLKHEAD FORMER CHANGEOUT SURE (PC) SISTANT WINDSCREEN	. 5.	ଧ ଧ ଓ ଷ	2.6 8.							33.2 47.7 2.7
		TOTAL FOR CLASS P-S	- S P-S	1.2	5.0	15.4							83.6
1-38	<u>a</u>	6029 AVIONICS UPGRADE Z88888 REPROGRAMMINGS	IDE S					3.0	e 5	9.	9.5	10.0	46.8
		TOTAL FOR CLASS P	١.					3.0	9 .	9.6	9.2	10.0	46.8
	TOTAI	TOTAL FOR 1-38		1.2	5.0	15.4		3.0	9.5	9.6	9.5	10.0	130.4
			,										- 5.

,	ALL	EARS]		
		Y-03 YI			
		Y-02 F			
		Y-01 F			
		Y-00 F			
		γ-99 F			
	BUDGET	γ-98 F			
	NSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET	FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 YEARS			
	996 PRES	-γ-96 F			
	MMARY 18	FY-95			
	TION SU	FY-94			
	NSTALLA				
	P-1N I				
		I TITLE		SNOI.	
		MODIFICATION TITLE		DDIFICAT	
٠. ر	ų.	MODIF		COST MG	
		<u>α</u>		MOJ X66	
	1 1743	AIR MOD CRAFT CLASS NR		T-41 P 99999X LOW COST MODIFICATIONS	
	95/02/21 1743	AIR CRAFT C		T-41	
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TOTAL FOR CLASS P

TOTAL FOR T-41

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ALL YEARS	က် က	<u>-</u>	-
FY-03			
FY-02			
TION SUMMARY 1996 PRESIDENT'S BUDGET FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02			
FY-00	·		
:Τ FΥ-99	7.	2.	2.
's BUDGE FY-98	, G	2.	2.
ESIDENT	2.	 c	2.
1996 PRI FY-96			
UMMARY FY-95			
INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET FY-94 FY-95 FY-96 FY-97 FY-98 F			
P-1N INSTALL			
F MODIFICATION TITLE	3150 NAVSTAR GPS 4307 COLOR WEATHER RADAR 99999S SERVICE BULLETINS 99999X LOW COST MODIFICATIONS	TOTAL FOR CLASS P	r-43
MOD NR	3150 4307 999995 99999X	+	TOTAL FOR T-43
5/02/21 1743 AIR MOD CRAFT CLASS NR	۵		TOTA
5/02 AIR CRAFT	T-43		

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95/02/21 1743 AIR MOD CRAFT CLASS NR	743 MOD S NR	P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET MODIFICATION TITLE FY-94 FY-95 FY-96 FY-97 FY-98 F	ATION SU FY-94	JMMARY 1 FY-95	996 PRE	SIDENT' FY-97	S BUDGE FY-98	66 - Y	F Y -00	FY-00 FY-01	FY-02	FY-03	ALL YEARS
P - S	999999A	KC-10 P-S 99999A LOW COST SAFETY MODIFICATIONS		-									
KC-10 P		TOTAL FOR CLASS P-S NAVSTAR GPS REFUELING PODS		.5	တ 	4.4	4.1	2.0					10.7
	3353 41008B 4301 6046 99999S 99999X Z88888	HF AUTO COMM PROCESSOR (ACP) MISC SERVICE BULLETIN ENGINE VIBRATION MONITORING SYSTEM SATCOM SERVICE BULLETINS LOW COST MODIFICATIONS REPROGRAMMINGS			.	φ _.	φ _.	o _.					8
		TOTAL FOR CLASS P		5.2	- 0.	4.7	4.7	2.6					25.0
T0T,	TOTAL FOR KC-10	. KC-10		5.2	6.	4.7	4.7	2.6					25.0

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5/02/21 1743		P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET	1996 PRESIDENT	'S BUDGE	-				;	ALL
CRAFT CLASS NR	MODIFICATION TITLE	FY-94 FY-95	FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 YEARS	FY-98	FY-99 F	٠ - ٥٥ - ١	FY-01	FY-02	FY-03	YEAKS
C-12 P 3150 NAV 999995 SEF 99999X LOV	3150 NAVSTAR GPS 99999S SERVICE BULLETINS 99999X LOW COST MODIFICATIONS	-		. n	0.	∞.				2 . 2
101/	TOTAL FOR CLASS P	\rightarrow \tag{\tau}{\tau}		ю. 	0	œ				2.2
TOTAL FOR C-12	5			6.	1.0	ω				2.2

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FY-03			
FY-02			
FY-01			
FY-00	.	-	-
T .	7.	-	-
ALL ALL FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 YEARS	.	-	-
ESIDENT	7.	-	-
1996 PRE FY-96			*
JMMARY FY-95			
ATION SU FY-94			
P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET FY-94 FY-95 FY-96 FY-97 FY-98 FY		,	'
MODIFICATION TITLE	3150 NAVSTAR GPS 99999X LOW COST MODIFICATIONS	TOTAL FOR CLASS P	- 18
743 MOD S NR	3150 99999X	⊢	TOTAL FOR C-18
95/02/21 1743 AIR MOD CRAFT CLASS NR	۵ ا	ī.,	TOT,
95/02/ AIR CRAFT	C - 18		.÷

ALL	FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 YEARS	1.8	3.5	3.5
	FY-03			
	FY-02			
	FY-01			
	FY-00	ø _.	9.	9.
ΕT	FY-99	ø _.	9.	9.
's BUDG	FY-98	9.	9.	9.
INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET	FY-94 FY-95 FY-96 FY-97			
1996 PR	F.Y -96			
UMMARY	FY-95			
ATION S	FY-94			
P-1N INSTALL	MODIFICATION TITLE	3150 NAVSTAR GPS 4268 MISSION COMMUNICATION SYSTEM UPGRADES 99999X LOW COST MODIFICATIONS Z88888 REPROGRAMMINGS	TOTAL FOR CLASS P	c-20
743	S MOD	3150 4268 99999X Z88888		TOTAL FOR C-20
5/02/21 1743	AIR MOD CRAFT CLASS NR	٥		T0T.
5/02	AIR	C-20		

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	FY-02			
	FY-01			
	FY-00			
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s BUDGE	FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03	- .	\	-
SIDENT	FY-97			
1996 PRE	FY-96			
JMMARY	FY-95			
ATION SL	FY-94	. 6	- 3	1.3
P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET	MODIFICATION TITLE	NAVSTAR GPS MISSION COMMUNICATION SYSTEM UPGRADES SERVICE BULLETINS	TOTAL FOR CLASS P	C-25
95/02/21 1743	AIR MOD CRAFT CLASS NR	C-25 P 3150 4268 99999S	L	TOTAL FOR C-25

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5/02/21 1743 AIR M CRAFT CLASS	21 1743 MOD CLASS NR	P-1N INSTALLATION SUMMARY MODIFICATION TITLE FY-94 FY-95	ATION SI FY-94		1996 PR FY-96	ESIDENT FY-97	PRESIDENT'S BUDGET 36 FY-97 FY-98 F	ET FY-99	FY-00	FY-01	FY-02	FY-03	ALL YEARS
C-130	P-S 99999A T8016S	A LOW COST SAFETY MODIFICATIONS S BLEED AIR DUCT RETROFIT								•			9.6
		TOTAL FOR CLASS P-S											•
C-130	P 10603A 12603B		4.4										4.4
	14515B 17605B		- .	4.0	2.5	4 E	12.7	5.7 1.4	12.8 9.0	14.3 3.6			52.5 26.0
	18600B 18603B 3150			<u>+</u> π. α.	1 .5	3.8	4.0	4.6	•				7.1 14.9 3.4
	3190 3222 3353	SCNS MAC C2 SATCOM ANTENNAS HF AUTO COMM PROCESSOR (ACP)	. 7		.2	9.	φ.	4.					1.8
	3401 3430 3455 3458	UTIDS TADIL URE SEEM OVERHEAD DELIVERY SYS AIRLIFT DEFENSIVE SYSTEMS ABCCC MODIFICATIONS		ε. 4.ε.									7.3
	3587 62151B 67087B		4.		7.	ល់							6.6 0.2
	8109 8293 99999M	ARMOR PLATING DUAL LOX CONVERTER M MISC SIMULATOR UPDATES S SEDVICE RILLETINS		4.									4.
	X66666 X66666 X140TA												
	COMPAS									0.6	7.7	3.2	32,7
4	GENDIS GENDIS RADAR T8220 T8234 Z11111	GENERAT APN-59 ALR-69 AIRBORN C-130H	1 .	<u>-</u>						. 3 3.7 2.3	0.6 4.5 5.5	2.0	31.5 12.7 4.8

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TOTAL FOR CL	, TOTAL FOR C-130
	TOTAL FOR CLASS P 7.0 8.5 4.9 13.7 22.2 16.5 23.3 33.2 25.3 13.1 271.0

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	FY-02	
	FY-01	
	FY-00	
H	FY-99	
s BUDGE	FY-98	
SIDENT'	FY-97	
996 PRE	FY-96	
MMARY 1	FY-95	
P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET	FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-	
	MODIFICATION TITLE	
5/02/21 1743	AIR MOD CRAFT CLASS NR	

5/02/21 1743	21 17	743	P-1N INSTALLATION SUMMARY	ATION S		1996 PRI	PRESIDENT'S BUDGET	S BUDG	ЕТ					ALL
AIR	CLASS	MOD	MODIFICATION TITLE	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	YEARS
														1
C-135	P . S		10408A AERIAL REFUELING PUMP AUTOMATIC SHUTO 99999A LOW COST SAFETY MODIFICATIONS											7.7
		•	TOTAL FOR CLASS P-S											2.7
C-135	۵	10402B	FUEL SAVINGS ADVISORY SYSTEM (FSAS)	9.	<u>ი</u>	1.3	7.	ø _.						4.
! !		13405B	REPLACE MC-1 AUTOPILOT	Τ.	-	₹.		-						
		17403B	STANDARD FLIGHT DATA RECORDER	•	C	4	ਨੰ -	ហ	4.	4.	. 2			۶. 9. 9.
		2984X	NUCLEAR HARDENING C-135 REENGINE	- .	7.		. 5							17.9
		30000												. 00
		3009R	C-135 REENGINE	.2	4	. 2	.2	.2						2.5
		X6008	RELOCATE S/V BOX	-	ღ.	.2	Ψ.							ກ.
		3042	STANDARD VHF AM/FM RADIO				c	0	7	y	r.		о С	34.6
		3150	NAVSTAR GPS					χ Σ	0.)	•
		3156	PACER LINK PH II											
		3353	HF AUTO COMM PROCESSOR (ACP)				1.5	1.7	1.7	1.8	4.			ნ. მ
		3368	GROUND CULLISION AVOIDANCE SISTEM MILETAR HHE/FHF COMMAND POST UPGRADE											<u>-</u> .
		40604B	ANTI-COLLISION STROBE LIGHTS											
		4221	IRCM											15.3
		4232	AIRCRAFT											
		4263	TACTION INED BROADCAST SERVICE (TIB											
		4264 48604B												
		S66666	SERVICE BULLETINS											
		N66666												
		X G G G G G	I DW COST MODIFICATIONS											
		EC8690	SPECKLED TROUT - AIRLINK SATCOM			1	c	C	0	U			-	
		KC4218				v.	χ	, -	. 4 o w	. 4	4.2	10.6	10.6	35.0
		KC4231						-	•				18.8	18.8
		K04233	AERIAL REFUELING RECEPIACLES			T .		3.8	3.3	2.7	2.3		2.5	14.7
		KC4290				c	U	7	-	6	. 2	•		2.2
4		KC4291	ARC 190				6.0	5.3	4.6	3.8	3.3		3.5	24.5
		KC4292												

95/02/21 1743 AIR MOD CRAFT CLASS NR	P-1N INS MODIFICATION TITLE	INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-03	ESIDENT'S FY-97 FY	BUDGET	66-7	00- k:	FY-01	FY-02	FY-03	ALL YEARS
	NOTITE SOLVED SOLVE									
Z88888 RF	KC4308 KC-133 AVIONICS RELOCALION Z88888 REPROGRAMMINGS									
.01	TOTAL FOR CLASS P	1.1	10.3 23.9 22.8 20.1 16.1 11.8 41.3 244.0	6.62	22.8	20.1	16.1	11.8	41.3	244.0
TOTAL FOR C-135	135	1.1	10.3	23.9	22.8	20.1	16.1	11.8	41.3	246.7

ALL 3 YEARS	4.1 4.6 4.1 4.6 4.1 4.7 4.7 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8	76.7	76.7
FY-03		lio	വ
FY-02	2. R.	2.5	2.5
FY-01	. .	2.0	2.0
FY-00	z. <u>-</u>	1.7	1.7
T FY-99	# 64 7 6 8 7 6	20.5	20.5
S BUDGE FY-98	4. 0.04 2.24 0.05 0.05	19.9	19.9
SIDENT'S	4. 0.04+	18.8	18.8
INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET FY-94 FY-95 FY-96 FY-97 FY-98 F	ο. Θ.	3.0	3.0
JMMARY 1			
TION SL FY-94			
P-1N INSTALLAMODIFICATION TITLE	P-S 99999A LOW COST SAFETY MODIFICATIONS TOTAL FOR CLASS P-S 17600B REPLACE MAG TAPE TRANSPORT-HARD DISK 20001X QUERTY KEYBOARDS 3150 NAVSTAR GPS 3246 HAVE QUICK A-NET 3371 ELECTRONIC SUPPORT MEASURES (ESM) 3401 UTIDS TADIL U 3402 DATA ANALYSIS PROGRAMMING GROUP (DAPG 50001X EXTEND SENTRY 7266 RADAR SYSTEM IMPROVEMENT PROGRAM 99999S SERVICE BULLETINS 99999X LOW COST MODIFICATIONS	TOTAL FOR CLASS P	E-3
5/02/21 1743 AIR MOD CRAFT CLASS NR	E-3 P-S 99999A I TT TT		TOTAL FOR E-3

MODIFICATION TITLE LOW COST SAFETY MODIFICATIONS TOTAL FOR CLASS P-S NAVSTAR GPS MILSTAR UHF/EHF COMMAND POST UPC UNIVERSAL MODEM BACKBONE COMMUNICATIONS BUSS SHF SATCOM MMRT SERVICE BULLETINS LOW COST MODIFICATIONS REPROGRAMMINGS	TITLE DIFICATI MMAND PC TIONS BL
MODIFICATION TITLE HODIFICATION TITLE FY-94 FY-95 FY-96 FY-97 FY-98 F TOTAL FOR CLASS P-S NAVSTAR GPS MILSTAR UHF/EHF COMMAND POST UPGRADE UNIVERSAL MODEM BACKBONE COMMUNICATIONS SHF SATCOM MART SERVICE BULLETINS SERVICE BULLETINS SHERROGRAMMINGS TOTAL FOR CLASS P 2.2 .2 .2 .2 .2 TOTAL FOR CLASS P TOTAL FOR CLASS P 2.2 .2 .2 .2 .2	MODIFICATION TITLE 9A LOW COST SAFETY MODIFICATI TOTAL FOR CLASS P-S NAVSTAR GPS MILSTAR UHF/EHF COMMAND PC UNIVERSAL MODEM BACKBONE COMMUNICATIONS BL SHF SATCOM MMRT 9S SERVICE BULLETINS 9X LOW COST MODIFICATIONS 88 REPROGRAMMINGS
MODIFICATION TITLE HODIFICATION TITLE FY-94 FY-95 FY-96 FY LOW COST SAFETY MODIFICATIONS TOTAL FOR CLASS P-S NAVSTAR GPS MILSTAR UHFKEHF COMMAND POST UPGRADE UNIVERSAL MODEM BACKBONE COMMUNICATIONS BUSS SHF SATCOM MMRT SERVICE BULLETINS LOW COST MODIFICATIONS REPROGRAMMINGS TOTAL FOR CLASS P TOTAL FOR CLASS P 2.2 2.2 7.2 7.2 7.2 7.2 7.3 7.3	MODIFICATION TITLE 9A LOW COST SAFETY MODIFICATI TOTAL FOR CLASS P-S NAVSTAR GPS MILSTAR UHF/EHF COMMAND PC UNIVERSAL MODEM BACKBONE COMMUNICATIONS BL SHF SATCOM MMRT 9S SERVICE BULLETINS 9X LOW COST MODIFICATIONS 9X LOW COST MODIFICATIONS 88 REPROGRAMMINGS
MODIFICATION TITLE MODIFICATION TITLE FY-94 FY-95 F LOW COST SAFETY MODIFICATIONS TOTAL FOR CLASS P-S NAVSTAR GPS MILSTAR UHF/EHF COMMAND POST UPGRADE UNIVERSAL MODEM BACKBONE COMMUNICATIONS BUSS SHF SATCOM MMRT SERVICE BULLETINS LOW COST MODIFICATIONS REPROGRAMMINGS TOTAL FOR CLASS P 2.2	MODIFICATION TITLE 9A LOW COST SAFETY MODIFICATI TOTAL FOR CLASS P-S NAVSTAR GPS MILSTAR UHF/EHF COMMAND PC UNIVERSAL MODEM BACKBONE COMMUNICATIONS BUSHF SATCOM MMRT 9S SERVICE BULLETINS 9X LOW COST MODIFICATIONS 9X LOW COST MODIFICATIONS 88 REPROGRAMMINGS
P-1N INSTALLATION SU MODIFICATION TITLE FY-94 TOTAL FOR CLASS P-S NAVSTAR GPS NAVSTAR GPS UNIVERSAL MODEM BACKBONE COMMUNICATIONS BUSS SHF SATCOM MMRT SERVICE BULLETINS LOW COST MODIFICATIONS REPROGRAMMINGS	MODIFICATION TITLE 9A LOW COST SAFETY MODIFICATI TOTAL FOR CLASS P-S NAVSTAR GPS MILSTAR UHF/EHF COMMAND PC UNIVERSAL MODEM BACKBONE COMMUNICATIONS BUSHF SATCOM MMRT 9S SERVICE BULLETINS 9X LOW COST MODIFICATIONS 9X LOW COST MODIFICATIONS 88 REPROGRAMMINGS
MODIFICATION TITLE LOW COST SAFETY MODIFICATIONS TOTAL FOR CLASS P-S NAVSTAR GPS MILSTAR UHF/EHF COMMAND POST UPGRADE UNIVERSAL MODEM BACKBONE COMMUNICATIONS BUSS SHF SATCOM MMRT SERVICE BULLETINS LOW COST MODIFICATIONS REPROGRAMMINGS	MODIFICATION TITLE 9A LOW COST SAFETY MODIFICATI TOTAL FOR CLASS P-S NAVSTAR GPS MILSTAR UHF/EHF COMMAND PC UNIVERSAL MODEM BACKBONE COMMUNICATIONS BUSHF SATCOM MMRT 9S SERVICE BULLETINS 9X LOW COST MODIFICATIONS 9X LOW COST MODIFICATIONS 88 REPROGRAMMINGS
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5/02/2 AIR CRAFT C	5/02/21 1743 AIR MOD CRAFT CLASS NR	P-1N INSTAU	INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 YEARS
±	P-S 99999A	P-S 99999A LOW COST SAFETY MODIFICATIONS	
Ŧ	9 3150 ·	TOTAL FOR CLASS P-S 3150 NAVSTAR GPS	2.3
	999999X T8123 Z88888	99999X LOW COST MODIFICATIONS T8123 FLEXPLATE MAIN DRIVESHAFT Z88888 REPROGRAMMINGS	9
		TOTAL FOR CLASS P	2.9
	TOTAL FOR H-1	-	2.9

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FY-02			
FY-01	∞ ∞.	1.6	1.6
FY-00	<u>α΄ 4</u> .	1.2	1.2
ET FY-99	ი _. ი.	9.	9.
INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET FY-94 FY-95 FY-96 FY-97 FY-98 F	4 4	8	8
ESIDENT FY-97			
1996 PRE FY-96			
SUMMARY FY-95	<u>ღ</u>	6.	.3
ATION S FY-94	. 4 ô 0	5.5	5.5
P-1N INSTALI MODIFICATION TITLE	3150 NAVSTAR GPS 99999S SERVICE BULLETINS 99999X LOW COST MODIFICATIONS DEFENSIVE SYSTEMS UPGRADE EC/N ENHANCED SOMUNICATIONS/NAVIGATION FLIR AN/AAQ-16B FLIR 18130 HH-60G RETROFIT 18136 UHF SATCOM/ANDVT/DAMA 18171 IMPROVED INTERCOM SYSTEM (ICS) 18179 VHF AM/FM ANTENNA REPLACEMENT/RELOCAT 18196 INFRARED (IR) STROBE LIGHTS Z88888 REPROGRAMMINGS	TOTAL FOR CLASS P	09-НW
95/02/21 1743 AIR MOD CRAFT CLASS NR	MH-60 P 3150 999995 99999X DSU EC/N FLIR 78130 T8136 T8171 T8171	ਾ ਹੈ	TOTAL FOR MH-60

ALL FY-03 YEARS	1 .		6.			ω .	0 ε	3.7	- .	2.0
F Y -02										
FY-01										
FY-00								•		
GET FY-99								3 2.0		
STALLATION SUMMARY 1996 PRESIDENT'S BUDGET FY-94 FY-95 FY-96 FY-97 FY-98 F								1.6	_	
RESIDEN							7.	-	•	
1996 P								7.		
SUMMARY FY-95						~				(0
LATION FY-94				0 0		, ·				9.
P-1N INSTAL	V TACAN/ADS SOFTWARE BLOCK UPDATE	SIM-10 SIMULATOR UPGRADE (KC-10)	TOTAL FOR CLASS P	8A F100/200/220E INLET FAN SAFETY UPGRAD 7S FUEL TANK FOR A/M32A-95 LASS 5A #1 BEARING OIL TUBE RETAINER TAB DF10	TOTAL FOR CLASS P-S	< 0.0 C V		3150-C NAVSTAR GPS (C-26)	E9 NAVSTAR GPS (E-9)	A/B SINCGARS AJ COMM AERP
1743 MOD ASS NR	AIRCRAFT P TACAN	SIM-		P-S 10208A T6027S T6075A		00	12619B 13614B 14212B 16620C 16630B		3150E9	3429 3431
5/02/21 1743 AIR M CRAFT CLASS	OTHER AIR C-17 P	KC-10 P		. MULTI P-				C-26 P	Е-9	MULTIP

95/02/21 1743 AIR MI CRAFT CLASS I	743 MOD MODIFICATION TITLE	P-1N IN	ISTALLATION SUMMARY 1996 PRESIDENT'S BUDGET FY-94 FY-95 FY-96 FY-97 FY-98 F	MMARY 199	996 PRES FY-96 F	SIDENT'S	S BUDGE FY-98	T FY-99	FY-00	FY-01	FY-02	FY-03	ALL YEARS	
	1													
MULTIP P	3495 TACTICAL SECURE VOICE													
MULTI P	40302B RING LASER GYRO 6073A UPGRADE DEEC 6074A UPGRADE EDU												. 6	
MH-530 P	64201F FLIGHT DATA RECORDER		4.										4.	
MULTI P	99999C CLASSIFIED PROJECTS													
д С	99999J MISCELLANEOUS LOW COSTS MODS (OTHER)	MODS (OTHER)												
MULTI	99999W OUT OF WARRANTY CONTRACTOR DEFICIENCI 99999X LOW COST MODIFICATIONS	TOR DEFICIENCI												
F15/F1 P	AMWS F15/F16 ADVANCÉD MISSILE WARNING	E WARNING SYST												
MULTI P	F15HAR F-15 HARM INTEGRATION F16MDS F-16 MANNED DESTRUCTIVE	SEAD												
KC-135 P	SIM-A SIMULATOR UPGRADE - AERO SIM-C SIMULATOR UPGRADE - COMPI SIM-M SIMULATOR UPGRADE - MOTI SIM-V SIMULATOR UPGRADE - VISU	AERO COMPUTER MOTION VISUAL												
MULTI/ P	SIM130 SIMULATOR UPGRADE (C-130) SIM141 SIMULATOR UPGRADE (C-141)	. (0)									D			(

5/02/21 1743 AIR MOD CRAFT CLASS NR	3 MOD MODIFICATION TITLE	д . 1	INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET FY-94 FY-95 FY-96 FY-97 FY-98 F	996 PRESIDENT FY-96 FY-97	NT'S BUDG	66->	FY-00 F	FY-01	FY-02 F	FY-03	ALL YEARS
C-5A/B P SIM5	45 SIMULATOR UPGRADE (C-5)	(g)							19.8		19.8
VC-25A P T42	T4268 MCS ENHANCEMENTS										ø _.
MULTI P T81	T8136 UHF SATCOM/ANDVT/DAMA										
C5,C14 P T81	T8174 HF MODERNIZATION										-
MULTI P T82 288	T8219 HEATER COMBUSTOR ASSY UPGRADE 288888 REPROGRAMMINGS	UPGRADE									
	TOTAL FOR CLASS P		1.8	 - .	8.	2.0			20.3		39.0
TOTAL F	TOTAL FOR OTHER	ı	8.	 -	8.	2.0			20.3		40.9

ALL YEARS			
FY-03			
FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03			
FY-01			
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/S BUDG FY-98			
ESIDENT FY-97			
1996 PR FY-96			
UMMARY FY-95			
INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET FY-94 FY-95 FY-96 FY-97 FY-98 F			
i i			
P-1N MODIFICATION TITLE	COMPASS CALL RIVET JOINT (CLASSIFIED) ADVANCED PROGRAM TECHNOLOGY SENIOR YEAR OPS	TOTAL FOR CLASS P	LASSI
743 MOD S NR	1001 1002 1005 1009	-	TOTAL FOR CLASSI
95/02/21 1743 AIR MOD CRAFT CLASS NR	CLASSI P		101,

ALL YEARS FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET 99999D DEFENSE AIRBORNE RECONNAISSANCE OFFIC MODIFICATION TITLE TOTAL FOR CLASS P TOTAL FOR DARP 95/02/21 1743 AIR MOD CRAFT CLASS NR ٥ DARP

Apply Charles of Section 1997 and 1997

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FY-03			
FY-02			
ALL FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 YEARS			
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P-1N INSTALLATION SUMMARY 1996 PRESIDENT'S BUDGET FY-94 FY-95 FY-96 FY-97 FY-98 F			
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MODIFICATION TITLE		S	
MOD]		NAVSTAR GPS FOTAL FOR CLASS P	
			TR-1
95/02/21 1743 AIR MOD CRAFT CLASS NR		TR-1 P 3150	TOTAL FOR TR-1
95/02/21 1743 AIR MC CRAFT CLASS P		۵	TOT
95/02 AIR CRAFT		TR-1	
	•		

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1743	_	CLASS
2/21		
15/02/	AIR	CRAFT
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PRESIDENT'S BUDGET	
966	
SUMMARY	
INSTALLATION SUMMARY 1	
P-18	

FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 MODIFICATION TITLE

ALL YEARS

2102.3

161.8

227.7

2330.0

161.8

165.7

242.4

UNCLASSIFIED FOR OFFICIAL USE ONLY

SECTION 3 P-1 LINE ITEM DETAIL

UNCLASSIFIED FOR OFFICIAL USE ONLY

UNCLASSIFIED

		BUDG	BUDGET ITEM JUSTIFI (EXHIBIT P-40)	JUSTIFICATION	-			DATE FEBRUARY 1995	RY 1995
PPROPRIATION/BUDGET ACTIVITY	UDGET ACTIV	VITY		P-1 ITE	P-1 ITEM NOMENCLATURE: B-2A	TURE: B-2A			
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATI	CUREMENT A	IF/AIRCRAFT N	AODIFICATIONS	S					
		FY 1994		FY 1996	FY 1997	FY 1995 FY 1996 FY 1997 FY 1998		FY1999 FY2000	FY2001
QUANTITY									
COST (In Mil)		\$ 21.890	\$ 21.890 \$63.982 \$17.286 \$5.640	\$17.286	\$5.640	\$6.139	\$4.559	\$4.559 \$7.683 \$7.684	\$7.684

This line item funds modifications to the B-2 aircraft. The B-2 is a multi-engine, long range bomber incorporating low-observable ("stealth") technology, enabling it to penetrate enemy air defenses and strike high-value targets. The overall goal of the modifications budgeted in FY96 is to standardize aircraft configuration essentially resulting in 20 "Block 30" B-2 aircraft. The specific modifications budgeted and programmed are attached.

95	
PAGE NO.	
P-1 SHOPP LIST ITEM NO. 20	

UNCLASSIFIED

* * *** UNCLASSIFIED

DATE 02/21/95 FY 1996 PRE

AIRCRAFT ICATION OF AIR(FY 1996 PROGRAM MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC B-2 CLASS P

CONTRAIL MANAGEMENT, MN-110001

DESCRIPTION/JUSTIFICATION: CONTRAIL MGT SYS CONSISTS OF A UNIQUE SET OF INTEGRATED TECHNOLOGIES FOR THE WEAPON SYSTEM TO ENHANCE ITS SURVIVABILITY, & IS PROVIDED TO SUPPORT OPERATIONAL RQMTS OF THE USER. THIS MOD IS 1 OF 9 INTEGRAL MODS ESSENTIAL TO B-2 BASELINE AIRCRAFT. APRIL 91 4-STAR SUMMIT ESTABLISHED CONFIGURATION; SECAF APPROVED SUBSEQUENT BLOCK 10/20/30 PROCUREMENT STRATEGY. DELETING THESE MODS WILL DEGRADE BASELINE CAPABILITY. PE 11127F CLC B-2 B-2 MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: PRELIMINARY DESIGN REVIEW COMPLETE. CRITICAL DESIGN COMPLETED NOV 94. 'FLIGHT TEST SCHEDULED TO BEGIN FEB 96.

PROJECTED FINANCIAL PL	PLAN	!	i	į	ì	Ļ	2	ý	F V = 0.7	7.0	20-73	ασ
2.7	PRIOR QTY A	OR AMT	FY- QTY	FY-94 TY AMT Q	68-74 QTY A	d AMT	0TY - 96		QTY	AMT	QTY	AMT
RDT&E (3600)	1 1 1 1	2.0	 	15.4	! ! ! !	18.4	! ! ! !	0'9	1 1 1 1	2.9		6.
PROCUREMENT (3010)					ប	1.0	80	1.6				
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EQUIP NONREC						ნ.		1.2				
CHANGE ORDERS						4.		ω.				
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE FY95 5 KITS	n						(3)	4	(2)	e	(Ľ
FY96 8 KITS						!	1	1	(1)	. :	(4)	C .
TOTAL INSTALL COST	! ! ! !	 	1 1 1 1 1	r 6 1 1	1 1 1 1 1 1		၉	4.	က	4.	4	تن
TOTAL COST (BP-1100)					ស	6.9	ω	10.3		4.		B
TATIONS INDICATION	. NO.	VITATOM	. NOIT	TATION: INSTALLATION CONTRACTOR FACILITY	ACTOR	FACILIT	>					

FOLLOW-ON LEAD TIME -- 15 MONTHS METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY INTERMED TIME -- 15 MONTHS

FACT SHEET; B-2 110001 CONTRAIL MANAGEMENT PROJECTED FINANCIAL PLAN' (CONTINUED)	10001 CONT	RAIL MANAC NUED)	SEMENT				(CONTINUED)			
		FY-99 QTY	3 FY-00 AMT QTY AM	OO AMT				TO COMP QTY AMT	TOTAL QTY	AMT
RDT&E (3600)		1 1 1 1 1	1 1 1 1 1 1 1	 						45.6
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT							·		13	2.6 4.01 2.1
CHANGE ORDERS DATA SIM/TRAINER SUPPORT-FOUTP										1.2
INSTALLATION OF HARDWARE FY95 5 KITS FY96 8 KITS		(3)	4	 					(2)	1.0
TOTAL INSTALL COST									13	1.7
TOTAL COST (BP-1100)			4.						13	18.5
MILESTONES:	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99			
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	1 1 1 1	! ! !	2/95 3/96	1/96	 					<u>-</u>
INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	FY-96 2 3	4	FY-97 2 3	4	FY-98 2 3 . 1 1	4 4	FY-99 3 2 2 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	4 0		
INSTALLATION SCHEDULE:	FΥ-00 2 3	4								
INPUT	1 2	-								1.

* * *** UNCLASSIFIED

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE 100003 EMD ENGINES RETROFIT, MN-110003 FY 1996 PRE MODIFICATION TITLE AND NO

B-2

DESCRIPTION/JUSTIFICATION: THIS MODIFICATION BRINGS 31 EMD ENGINES TO BLOCK 30 CONFIGURATION. THIS INCLUDES RETROFITTING THE DRAIN SYSTEM, LOW PRESSURE TURBINE SEALS, MONITORING SYSTEM PROCESSORS, DE-ICE VALVES, AND SLAT BLEED SYSTEM. PE 11127F MODELS OF AIRCRAFT AFFECTED

DEVELOPMENT STATUS: NONE REQUIRED.

PROJĘCTED FINANCIAL	PLAN PRIOR	80	FY-94	94	FY-95	95	FY-96		FY-97	97	FY-98	98
	OTY	AMT	OΤΥ	OTY AMT OTY AMT OTY AMT OTY AMT	ΛTO	AMT	QTY		QΤΥ	QTY AMT QTY AMT	QΤΥ	AMT
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	A/N .(0	010)		œ			S			<u>a</u>		F HARDWA			FY98 8 KITS		L COST	BP-1100)	
	RDT&E (3600)	PROCUREMENT (3010	LL KITS	NONRECU	EQUIPMENT	NONREC	E ORDER	•	SIM/TRAINER	RT-EQUI		ATION O	6 KITS	5 KITS	8 KITS		TOTAL INSTALL COST	TOTAL COST (BP-	
	RDT	PROCURE	INSTA	KITS	EQUIP	EQUIP	CHANG	DATA	SIM/T	SUPPO	000	INSTALL	FY96	FY97	FY98		TOTAL	TOTAL	

FOLLOW-ON LEAD TIME -- 9 MONTHS METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY INITIAL LEAD TIME -- 9 MONTHS က

	TO COMP TOTAL QTY AMT QTY AMT			1.6 9.	4	(6) 1.0	-	19 3.1	19 7.5		- -		-	
(CONTINUED)	'						ı							
													4	œ
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	00 AMT						1				FY-99		4	വ
RETROFIT	AMT QTY AM				,	ŧ	:				FY-98	1/98 3/98	FY-97 2 3 5	
	FY-99 QTY A							t ! ! ! ! ! !			FY-97	1/97 3/97	4 0	ဖ
110003 EMD ENGINES AN (CONTINUED)											FY-96	2/96 4/96	FY-96 2 3	
FACT SHEET; B-2 110 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS	EQUIPMENT EQUIP NONREC	CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP	OGC INSTALLATION OF HARDWARE FY96 6 KITS	FY97 5 KITS FY98 8 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:		CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS INPLI	TUTO

PAGE

*** UNCLASSIFIED

AIRCRAFT FY 1996 PROGRAM OF. MODIFICATION

DATE 02/21/95

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLASS P MILSTAR UHF, MN-110005 FY 1996 PRE

WILL BE PRIMARY SATELLITE LINK FOR WORLDWIDE CONNECTIVITY WITH THE NAT'L COMMAND AUTHORITY FOR COMMAND & CONTROL. KITS ARE BOUGHT OUT IN FY95 AS ANY OTHER METHOD WILL INCREASE PRICE 15-20%. THIS MOD IS 1 OF 9 MODS ESSENTIAL TO B-2 BASELINE ACFT. APR 91 4-STAR SUMMIT ESTAB'D CONFIGURATION; SECAF APPROVED SUBSEQUENT BLOCK 10/20/30 PROCUREMENT STRATEGY. DELETING ANY OF THESE 9 MOD LINES DEGRADES BLOCK 30 BASELINE CAPABILITY & PLANNED CONFIGURATION. FREQUENCY (UHF) MODE (IIR) INTO AF SATELLITE COMMUNICATIONS (AFSATCOM) SUBSYSTEM WILL PROVIDE CAPABILITY FOR ENHANCED SURVIVABILITY COMMUNICATIONS. THE CAPABILITY IS REQUIRED AS MILSTAR INTEGRATION OF MILITARY STRATEGIC-TACTICAL & RELAY (MILSTAR) ULTRA HIGH PE 8-2 MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO

CRITICAL DESIGN REVIEW WILL BE COMPLETED JUN 95. QUALITIFICATION TESTS DEC 95 GROUND/FLIGHT JUL 96. DEVELOPMENT STATUS:

0. AMT FY-98 (4) QTY AMT FY-97 (E) QTY 3 ď AMT FY-96 33 က OΤV 9 5 4.7 AMT FY-95 Ξ ٩T 2.0 AMT FY-94 (5)٥T AMT PRIOR ŏT PROJECTED FINANCIAL PLAN INSTALLATION OF HARDWARE TOTAL COST (BP-1100) TOTAL INSTALL COST PROCUREMENT (3010) RDT&E (3600) KITS NONRECUR CHANGE ORDERS SUPPORT-EQUIP MOD OF SPARES INSTALL KITS EQUIPMENT EQUIP NONREC FY95 11 KITS FY94 2 KITS SIM/TRAINER DATA

-- 15 MONTHS FOLLOW-ON LEAD TIME CONTRACTOR FACILITY 15 MONTHS INSTALLATION INITIAL LEAD TIME METHOD OF IMPLEMENTATION:

UNCLASSIFIED

(CONTINUED)

FACT SHEET; B-2 110005 MILSTAR UHF PROJECTED FINANCIAL PLAN (CONTINUED)

PROJECTED FINANCIAL FLAN								TO COMP	TOTAL	
		FY-99 QTY A	3 FY-00 AMT QTY A	OO AMT				QTY AMT	914	AMT
RDT&E (3600)			.2							31.3
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT									1 3	÷ . 8 € . 6 8
EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER										0
SUPPORT-EQUIP MOD OF SPARES									ć	4.7
INSTALLATION OF HARDWARE FY94 2 KITS FY95 11 KITS		(3)	, e;					1 1 1 1 1	(11)	
TOTAL INSTALL COST		(O	. 2	[} ! !					13	œ.
TOTAL COST (BP-1100)			2.						13	17.5
				_						,
MILESTONES:	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00		_
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	1 	2/95 2/96	2/95 3/96							-
INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	FY-96 2 3	4	FY-97 2 3	4	FY-98 2 3 1 1	4 - 4 - 4	FY-99 2 3 2 1	4 O		
INSTALLATION SCHEDULE: QUARTERS	FΥ-00 2 3	4								٠.
DUTPUT	1 2	-								

DATE 02/21/95

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

RECEIVER TO ACCOMPLISH THREAT EMITTER DETECTION, IDENTIFICATION AND LOCATION. PROCURING ALL 13 KITS AT ONE TIME (W/ STORAGE COST INCLUDED) WILL SAVE \$20M+, & REDUCES HARDWARE/SOFTWARE RISKS DUE TO HIGH PERCENTAGE OF COMMONALITY TO OTHER MODS TAKING PLACE IN THE DEFENSIVE MGT SUITE. THIS MOD IS 1 OF 9 INTEGRAL MODS ESSENTIAL TO B-2 BASELINE ACFT. THE CONFIGURATION ESTABLISHED DURING APR 91 4-STAR SUMMIT & SECAF APPROVED SUBSEQUENT BLOCK 10/20/30 PROCUREMENT STRATEGY. APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC B-2 CLASS P 11127F PE - BAND 4, MN-110006 ZSR-63 B-2 MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO CONFIGURATION. FY 1996 PRE

DEVELOPMENT STATUS: QUALIFICATION TESTING TO BE COMPLETED NOV 95. FLIGHT TEST FEB-MAY 96

PROJECTED FINANCIAL PLAN	AN PRIOR	OR	FY-94	94 AMT	FY-95	95 AMT	FY-96	96 AMT	FY-97	97 AMT	FY-98 QTY /	98 AMT
•	- - - !	- 1 - 1 - 1 - 1	! ! - ! 7	1		1 1	 - - -	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1	1 1 1 1	1 1 1	1 1 1
RDT&E (3600)		15.0		35.5		28.0		25.0				
PROCUREMENT (3010)					•							
INSTALL KITS					13	- 6						
KITS NONRECUR						თ.						
EQUIPMENT					(13)	16.6						
EQUIP NONREC						1.7						
CHANGE ORDERS						0.						
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE								•		(()	•
FY95 13 KITS							(3)	S)	(3)	, 1 1 1 1		7
TOTAL INSTALL COST	 	i 	i ! ! !	r 1 1 1 1	 	! ! ! !	က	6.	ю	<u>ග</u>	4	1.2
TOTAL COST (BP-1100)					13	29.3		6.		<u>ත</u>		1.2
METHOD OF IMPLEMENTATION: INSTALLATION CONTRACTOR FACILITY	ION: INSTALLATION CONTRACTOR	NSTALLA	- NOIT	- CONTR	ACTOR	FACILIT	>					

MUNITE ğ FOLLOW-ON LEAD TIME INITIAL LEAD TIME -- 18 MONTHS

THINI VOCTETED

(CONTINUED)

(CONTINUED)	FY-OO TOTAL QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT	103.5	13 9.1 .9 .1 16.6 1.7	(13)	13 3.9	13 33.2	-95 FY-96 FY-97 FY-99 FY-00		97 FY-98 FY-99 4 3 4 1 2 3 4 1 2 3 4 1 2 1 2 1 2 1 2 1 2 1 2 1 2		
4	AMT			ற <u>!</u> !	•	თ.		2/95· 4/96	FY-97		
ZSR-63 - B/ (CONTINUED)	FY. QTY			(3)	e			1 1 1 1 1 1	.96 3 3	FY-00 2 3 4	
FACT SHEET; B-2 110006 ZSR-63 - BAND PROJECTED FINANCIAL PLAN (CONTINUED)		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC	DATA SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY95 13 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES: FY	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: FY-96 QUARTERS 1 2 INPUT OUTPUT	HEDULE:	TIIONI

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*** UNCLASSIFIED

OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE -110008 CLC B-2 CLASS P FY 1996 PRE

PTION/JUSTIFICATION: THE DDU IS A CONSOLE-MOUNTED RADIATION HARDENED DATA STORAGE SYS BASED ON MAGNETO-OPTIC READ/WRITE STORAGE TECH. IT REPLACES THE MISSION DATA ENTRY UNIT (MDEU) TO TAKE ADVANTAGE OF SIGNIFICANTLY ADVANCED TECH, GREATER STORAGE CAPACITY, & FASTER ACCESS W/SAME OR REDUCED SIZE CARTRIDGES. A 3-4 YEAR PHASING OF KITS PURCHASES WILL RESULT IN A 40% COST INCREASE AND CAUSE EXTENSIVE TIME DELAYS DUE TO REQUALIFICATION REQUIREMENTS. 11127F PE DISK DRIVE UNIT (DDU), MN-110008 B-2 MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: FY95 & FY96 R&D IS FOR ONBOARD TESTING AND WILL NOT AFFECT DESIGN CONFIGURATION.
'THIS MOD IS ONE OF 9 INTEGRAL MODS ESSENTIAL TO THE B-2 BASELINE ACFT. THIS CONFIGURATION WAS ESTAB'D DURING THE APR 91 FOUR STAR SUMMIT & SECAF APPROVED SUBSEQUENT PROCUREMENT STRATEGY.

PROJECTED FINANCIAL PLAN							i		i	!	i	
	PRIOR QTY /	OR AMT	FY-94 QTY /	94 AMT	FY-95 QTY /	95 AMT	FY-96 QTY A	96 AMT	FY-97 QTY A	97 AMT	FY-98 QTY	98 AMT
RDT&E (3600)	 	15.4	6 	14.9	 	12.9	1 1 1 1	2.7	; 1 1 1	; ; ; ; ;	1 1 1 1	
PROCUREMENT (3010)			រោ	4.	∞	2.0						
KITS NONRECUR)	-	ı	-						
EOUIPMENT			(2)	5.8	(8)	4.4						
EQUIP NONREC				9.		4.						
CHANGE ORDERS												
DATA				.7								
SIM/TRAINER												
SUPPORT-EQUIP				რ.		7.						
INSTALLATION OF HARDWARE												
FY94 5 KITS							(3)	e.	2 5	. .	(4)	•
	1 1	1 1 1 1 1	1 1 1	1 1 1 1	1 1 1	1 1 1 1	1 1 1 1	1 1 1 1 1	1 1 1	1 1 1	1 1 1	1 1 1
TOTAL INSTALL COST							က	ε.	က	ε.	4	•
TOTAL COST (BP-1100)			ល	8.9	80	7.6		ε.		e.		4.

-- 24 MONTHS FOLLOW-ON LEAD TIME METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY INTIAL LEAD TIME -- 24 MONTHS

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(CONTINUED)

(naa)	
UNIT	
DISK DRIVE UNIT (DDU)	IUED)
DISK	(CONTINUED
110008	PLAN (
B-2	INANCIAL
FACT SHEET; B-2	PROJECTED FINANCIAL PLAN (

PROJECTED FINANCIAL FLAN		(COM THOSE)									
		FY-99 QTY /	FY-00 AMT QTY AM	OO AMT				01 710	TO COMP QTY AMT	TOTAL. QTY ,	AMT
RDT&E (3600)		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1] [t 1 1 1							45.9
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS	·									6.	3.01 2.01 1.00
SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY94 5 KITS FY95 8 KITS		(3)	e.	·				1 1 1		5)	0.0.
TOTAL INSTALL COST		. m	: : : : : : : : : : : : : : : : : : :	 						13	6. 1
TOTAL COST (BP-1100)			ю.							13	17.8
MILESTONES:	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	 		2/94 2/96	1/95 2/97							<u>- -</u>
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 0UTPUT '	FY-96 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 +-	FY-97 2 3	4	FY-98 2 3 1 1 1	4 + + + + + + + + + + + + + + + + + + +	FY-99 2 3 2 1	4 2			
INSTALLATION SCHEDULE: QUARTERS 1	FY-00 2 3	4									
TUTPLO	1 2	-									- :

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ICATION OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE M. MN-110010 CLC B-2 GPS-AIDED TARGETING SYSTEM, MN-110010

8-2

PE 11127F MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO FY 1996 PRE

DESCRIPTION/JUSTIFICATION: GPS-AIDED TARGETING SYSTEM CONSISTS OF MODIFYING THE TARGETING SYSTEM IN THE B-2 AIRCRAFT TO PROVIDE THE CAPABILITY TO PERFORM TARGETING FUNCTIONS TO ACHIEVE GPS-AIDED TARGETING SYSTEM ACCURACIES. THE B-2 WEAPON SYSTEM MUST HAVE THE CAPABILITY TO CARRY, CONTROL, AND RELEASE A GPS-AIDED MUNITION AND THE CAPABILITY TO PERFORM THE TARGETING FUNCTIONS REQUIRED TO ACHIEVE GPS-AIDED TARGETING SYSTEM ACCURACIES.

DEVELOPMENT STATUS: DEVELOPMENT IS ON TRACK. AVIONICS FLYING TEST BED ESTABLISHED IN NOV 94. 'FLIGHT TEST PLANNED TO OCCUR BETWEEN APR 95 AND JAN 96.

PROJECTED FINANCIAL PLAN	PRIOR	FY-94	4	FY-95	95	FY~96	96	FY-97	97	FY-98	86
•	QTY AMT	QTY	AMT		AMT	QTY	AMT	QTY	AMT	λ L ტ	AMT
RDT&E (3600)	1 1 1 1 1 1 1 1	; 	55.7	! ! ! !	23.1		7.1		1.3		
PROCUREMENT (3010)											
INSTALL KITS		9	7								
KITS NONRECUR			- (
EOUIPMENT		(10)	2.6								
EQUIP NONREC			ო.								
CHANGE ORDERS											
DATA			Ξ.								
SIM/TRAINER											
SUPPORT-EQUIP											
MOD OF SPARES			თ.								
INSTALLATION OF HARDWARE						(•	(;	•		
FY95 10 KITS						(9)	. 2	(4)	7	1 1	
TOTAL INSTALL COST	 	1 1 1 1 1	! ! ! !	l] 	9	. 2	4	.2		
TOTAL COST (BP-1100)		10	4.2				.2		.2		
METHOD OF IMPLEMENTATION: INSTALLATION CONTRACTOR FACILITY INITIAL LEAD TIME 18 MONTHS	ON: INSTALLATION CONTRACTOR INITIAL LEAD TIME 18 MONTHS	ATION	CONTR	ACTOR	FACILIT	.v FOLLO	FOLLOW-ON LEAD TIME 18 MONTHS	EAD TIM	IE 18	8 MONTH	S

	AMT	8/.78	2	.	o. 4	. 4		4	•	_ = =		
	TOTAL QTY		o ,		(0)		2 \$	2				
	TO COMP QTY AMT					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
(CONTINUED)												
											4	
									FY-98		FY-98 2 3	-
W	00 AMT					1 1			FY-97		4 1	-
TING SYSTE	FY-00 MT QTY AN					1 1 1			FY-96		FY-97 2 3	2 - 2
AIDED TARGE NUED)	FY-99 QTY AMT					1 1 1			FY-95	 	4 (n 0
0010 GPS-/									FY-94	1/95 3/96	FY-96 2 3	4
FACT SHEET; B-2 110010 GPS-AIDED TARGETING SYSTEM PROJECTED FINANCIAL PLAN (CONTINUED)		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	EQUIP NUMBES CHANGE ORDERS DATA SIM/TRAINER	SUPPORT-EQUIP MOD OF SPARES INSTALLATION OF HARDWARE	FY95 10 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS	INPUT OUTPUT

DATE 02/21/95

AIRCRAFT FY 1996 PROGRAM OF. MODIFICATION

FY 1996 PRE

NAVIGATION SUBSYSTEM (NSS). THE INFO WILL ALLOW FOR PRECISE COMPUTATION OF ALTITUDE, LATITUDE, LATITUDE, LATITUDE, VELOCITY, & COORDINATED UNIVERSAL TIME IN SUPPORT OF GLOBAL NAVIGATION UNDER ALL WEATHER CONDITIONS AT ANY TIME OF DAY. THE PROG IS BOUGHT OUT IN FY95 BECAUSE IT IS MORE COST EFFECTIVE & IT IS TIMED BY THE PROGRAM DEPOT MAINT CYCLE AT THE CONTRACTOR FACILITY. NUMBER OF ACFT AFFECTED IS 10. THIS MOD IS 1 OF 9 MODS ESSENTIAL TO B-2 BASELINE ACFT. APR 91 4-STAR SUMMIT ESTAB CONFIG & SECAF APPROVED SUBSEQUENT BLOCK 10/20/30 PROCUREMENT STRATEGY. DELETING ANY OF THESE 9 MOD LINES DEGRADES BLOCK 30 BASELINE CAPABILITY & PLANNED CONFIGURATION. APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC B-2 CLASS P 11127F PE NAVSTAR GPS, MN-3150 B-2 MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO

FY95 AND FY96 R&D IS FOR ON BOARD TESTING AND DOES NOT AFFECT DESIGN DEVELOPMENT STATUS: CONFIGURATION.

	TA8A >-	V T C	TM V	>+0	TMA VIC	TWA VTO	TWV	OTY AM	AMT	ΩTΥ	AMT
	E		1 2 1		 - - - -	· ! · ! · ! • !	1 1	1	1 1 1	1 1 1	!!!
	6.4	l E	13.0		9		2.4		9.		
PROCUREMENT (3010)					,						
INSTALL KITS		ဖ	9.	4	4.						
KITS NONRECUR			Τ.								
EQUIPMENT		(9)	4.3	(4)	9.9						
EQUIP NONREC			4.		ღ.						
CHANGE ORDERS											
DATA			გ.		ເ						
SIM/TRAINER											
SUPPORT-EQUIP	·.		ა.								
INSTALLATION OF HARDWARE	X,					,					
FY94 6 KITS						(9)	4.4	((
FY95 4 KITS			:	1	!	1	 	(4)	D	1 1 1 1	1
TOTAL INSTALL COST	1 1 1 1 1	 					4.	4	6.		
TOTAL COST (BP-1100)		9	6.4	4	4.5		1.4		σ.		

18 MONIHS FOLLOW-ON LEAD TIME INITIAL LEAD TIME -- 18 MONTHS

	TO COMP TOTAL QTY AMT QTY AMT	31.9	1. 0.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	0.10	(6) (1.4)		10 13.2		72	
(CONTINUED)	1				1					
								FY-97		FY-98 2 3 4 1 1
	00 AMT				1 			FY-96		4 -
	FY-00 AMT QTY AN				!	1 1 1 1 1		FY-95	2/95 4/96	FY-97 2 3 1 2 2
NAVSTAR GPS (CONTINUED)	FΥ-99 QTY AP							FY-94	1/95 3/96	4 0 0 - 6
								FY-93	} 	FY-96 2 3 4
FACT SHEET; B-2 3150 PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	CHANGE ORDERS DATA SIM/TRAINER	SURJULITION OF HARDWARE FY94 6 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT

UNCLASSIFIED

		BUDG	BUDGET ITEM JUS	JUSTIFICATION				DATE	
			(EXHIBIT F	IT P-40)				FEBRUARY 1995	2Y 1995
APPROPRIATION/BUDGET ACTIVITY	UDGET ACTI	VITY		P-1 ITEM	P-1 ITEM NOMENCLATURE: B-1	RE: 8-1			
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS	UREMENT A	F/AIRCRAFT M	ODIFICATIONS						
		FY 1994	FY 1995	FY 1996	FY 1994 FY 1995 FY 1996 FY 1997 FY 1998 FY 1999	FY 1998	FY1999	EY2000 EY2001	FY2001
QUANTITY									1002
COST (In Mil)		\$29.008	\$40.298	\$75.383	\$40.298 \$75.383 \$133.911 \$114.358 \$105.941 75.375 \$21.649	\$114,358	\$105.941	75.375	\$21,649

weapons capabilities and improve reliability and maintainability. The specific modifications budgeted and programmed are This line item funds modifications to the B-1B aircraft. The B-1 is a multi-engine, supersonic, long range bomber capable of delivering nuclear or conventional munitions. The overall goal of the modifications budgeted in FY96 is to increase conventional

T PAGE NO.		
P-1 SHOPP LIS	ITEM NO. 21	

UNCLASSIFIED

DATE 02/21/95

AIRCRAFT ICATION OF AIRC FY 1996 PROGRAM MODIFICATION

B-1B

AFT DC POWER UPGRADE, MN-10407A CLC B-1 CLASS P-S DESCRIPTION/JUSTIFICATION: B-1 AIRCRAFT PERIODICALLY EXPERIENCE ELECTRICAL BUSS FAILURE AND SUBSE-QUENT RAPID DISCHARGE OF AFT BATTERY, WHICH RESULTS IN A SAFETY OF FLIGHT CONDITION. THE ACFT REQUIRES MODIFICATION TO PROVIDE REDUNDANT POWER TO THE AFT AND FWD DC POWER BUSSES & REPLACE-MENT OF THE CURRENT NI-CAD BATTERY WHICH HAS LOW RELIABILITY. AIRCRAFT: 82 ACTIVE: 13 ANG. PE 11126F MODELS OF AIRCRAFT AFFECTED FY 1996 PRE MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: NONE. NO RDT&E REQUIRED.

PROJECTED FINANCIAL PLAN	IN PRIOR QTY AMT	FY-94 QTY	14 AMT	FY-95 QTY /	95 AMT	FY-96 QTY /	T W T	FY-97 QTY AN	97 AMT	FY-98 QTY	98 AMT
	; ; ; ; ; ; ;	! ! ! !	l 	1 1 1 1						•	
PROCUREMENT (3010) INSTALL KITS		Ξ	2.8	23	2.2	23	2.0	23	2.0	15	1.7
KITS NONRECUR EQUIPMENT EQUIP NONREC		(11)	2.5	(23)	∞.	(23)	7.	(23)	∞.	(15)	9.
CHANGE ORDERS DATA			9. 4		₹.		- .		۲.		Τ.
SIM/IRAINER SUPPORT-EQUIP MOD OF SPARES		(19)	0.4		Τ.		₹.		τ.		₹.
INSTALLATION OF HARDWARE FY94 11 KITS FY95 23 KITS FY96 23 KITS FY97 23 KITS				(3)	7.	(8)	2.5	(8) (15)	1.4	(8)	1.6
FY98 15 KITS	1 1 1 1 1 1	; ; ;	 	1 (**		93	4.1	23	1 . 4	23	4.3
TOTAL INSTALL COSI TOTAL COST (BP-1100)		=	14.4	23	6. 6.	23	7.0	23	7.1	15	6.8
Ī	ON: INSTALLATION INITIAL LEAD TIME	ATION TIME	- DEPOT - 12 MONTHS	NTHS		FOLLC	W-ON LE	EAD TIM	FOLLOW-ON LEAD TIME 12 MONTHS	MONTH	S

	AMT		10.7 .7. 5.4 1.6	1.4 1.8 1.0 8.0	94446 9066-	18.2	45.3				
	[AL		95		11) 23) 23)	95	92				
	T0T YT0										
	MP AMT					1					
	TO COMP QTY AM										
	·					i				4 & 9	
NUED)								Q !			
(CONTINUED)								FY-00		FY-98 2 6 6	
_								6 I		- 99	
								FY-99		4 0 0	
								80 1 O 1	ജത	7 3 5	
								FY-98	1/98 1/99	FΥ-97 2 5 6	
	,	ı	•			ı	-	97	8	- ១៤	
	OO AMT			÷		1 1 1	-	FY-97	1/97 1/98	4 to 0	4
111	FY-00 QTY /		•.			1		96	9	ო	წ 0
AFT DC POWER UPGRADE (CONTINUED)	AMT (e.	1 10.0 10.0	5.0	FY-96	1/96 1/97	FΥ-96 2 6 6	FY-00 2
VER U	36-7	i i i				1		92	വ വ	- 9 7	- v
OC PON	F OTY	1 			(8)	(15)		FY-95	2/95 2/96	4 01	4 W O
AFT (94	. 4 c	ნ — მ	ი
107A								FY-94	2/94 2/95	FY-95 2	FΥ-99 2 6
FACT SHEET; B-1 104 PROJECTED FINANCIAL PLAN					ARE		<u> </u>		/FY): /FY):	J.E :	JLE: 1 6 5
-1 NCIAL		N/A	6		HARDWARE	COST	COST (BP-1100)		(QTR/FY): (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 6
r; B FINA		RDT&E (3600)	(301 ITS ECUR REC	DERS ER QUIP ARES	ION OF KITS KITS KITS KITS	5 KITS INSTALL COST	т (вр	.: S	DATE DATE	LATION SC QUARTERS INPUT OUTPUT	LATION SC QUARTERS INPUT OUTPUT
SHEE:		SE (OCUREMENT (30 INSTALL KITS KITS NONRECUR EQUIPMENT	CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP MOD OF SPARES	23 X X Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	15 K INS	SOO 7	MILESTONES:	CONTRACT-DATE DELIVERY-DATE	ALLAT QUA	ALLAT
FACT		RD1	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC	CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP MOD OF SPARES	4STALL FY94 FY95 FY96 FY96	FY98 1 TÖTAL	TOTAL	MILE	CONT	INST	INST
			9		î						

DATE 02/21/95

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE NAVSTAR GPS - COMM UPGRADE (A/J RADIO) , MN-3150-R CLC B-1 CLASS P FY 1996 PRE

IPTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) IS A SPACE BASED RADIO NAVIGATION SYSTEM THAT WILL PROVIDE SUITABLY EQUIPPED HOST VEHICLES WITH HIGHLY ACCURATE, JAMBESISTENT, 3-DIMENSIONAL POSITION, VELOCITY, & TIME DATA, WORLDWIDE IN ALL WEATHER TO IMPROVE MISSION EFFECTIVENESS. WITH THIS MOD, THE B-1 WILL GAIN IMPROVED NAVIGATION & WEAPON DELIVERY ACCURACIES & PROVIDE REQUIRED INTERFACE FOR GPS-AIDED MUNITIONS SUCH AS JDAM & JSOW. GPS KITS SHARE COMPONENTS WITH THE COMM UPGRADE (ANTI-JAM RADIO), & ARE PRICED AS SINGLE INSTALLS. THE COMM UPGRADE PORTION OF THIS MOD INSTALLS ANTI-JAM UHF/VHF RADIOS W/SATCOM CAPABILITY, THUS ALLOWING THE ACFT TO COMMUNICATE WITH THEIR FORCE PACKAGES WHEN OPERATING IN HOSTILE AIRSPACE. PE 11126F B-1 MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: CONTRACTOR EMD BEGAN 4TH QTR FY93. AIRCRAFT: 82 ACTIVE; 13 ANG.

PROJECTED FINANCIAL PLAN	AN PRIOR	S.	FY-94	94	FY-95	95		96-	FY-97	97	FY-98	98 AMT
	QΤΥ	AMT	ŎΤΥ	AMT	ΩTΥ	AMT		QIY AMI	- - - E	- H M	- I - I - I	- I I
- RDT&E (3600)	! ! !	20.1	 	14.6		29.5		61.2		19.3		
PROCUREMENT (3010)							•	-	36	18.3	28	30.4
INSTALL KITS							-	<u>.</u>				
EQUIPMENT							£	- .	1.1 (36)		17.1 (58)	25.4
EQUIP NONREC								D				
CHANGE ORDERS										1.3		
DATA SIM/TDAINED										1.7		
SUPPORT-EQUIP										6.2		10.0
INSTALLATION OF HARDWARE											()	c
FY96 1 KIT												
FY97 36 KITS												
FY98 58 KITS						1	 	1 1 1	† 	1	1 1	1 1
TOTAL INSTALL COST	 	 	t 1 1 1 1	 	 						-	წ.
TOTAL COST (BP-1100)								3.5	36	44.6	58	66.1
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT INITIAL LEAD TIME 18 MOI	ON: I	NSTALL/	TION .	ON: INSTALLATION DEPOT INITIAL LEAD TIME 18 MONTHS	ONTHS		FOLL	FOLLOW-ON LEAD TIME 18 MONTHS	EAD TIN	TE 18	MONTH	S

(CONTINUED)

FACT SHEET; B-1 3150-R NAVSTAR GPS - COMM UPGRADE (A/J RADIO) PROJECTED FINANCIAL PLAN (CONTINUED)

		i	<u>=</u>	FY-00 QTY AM	OAMT					0T VTQ	TO COMP QTY AMT	TOTAL QTY	AMT
RDT&E (3600)		 	: : : :	i i i i	 								144.4
PROCUREMENT (3010) INSTALL KITS												95	49.8
KITS NONRECUR EQUIPMENT EQUIP NONREC													43.6 1.3
CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP													1.3 1.7 16.2
INSTALLATION OF HARDWARE FYSE 1 KIT											J	÷	ິຕຸ
FY97 36 KITS FY98 58 KITS		(3e) (6)	12.4 2.1	(52)	17.9							36)	12.4
TOTAL INSTALL COST		42	14.5	52	17.9					 	! ! ! ! !	36	32.7
TOTAL COST (BP-1100)			14.5		17.9							95	146.6
MILESTONES:	FY-93	FY-94	F	FY-95	FY-96	¥ }-	97	FY-98	FY-99	FY-00	FY-01		
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	! ! !	6 1 1 1	:	1 1	2/96 4/97	4/97 2/99	7 6	2/98 4/99	 	 			
INSTALLATION SCHEDULE: QUARTERS	FY-98 2 3	4	FY-99			FY-00	ر د د	4					
INPUT OUTPUT	-		ဖ	ნ ი	18 18	8 2	18	16					•

DATE 02/21/95

AIRCRAFT FY 1996 PROGRAM MODIFICATION

DESCRIPTION/JUSTIFICATION: MODIFICATION PROCURES 126 LAUNCHER KITS TO INTEGRATE JOINT DIRECT ATTACK MUNITIONS (JDAM). THIS MOD WILL REDUCE FUTURE WEAPONS INTEGRATION COST BY INSTALLING MIL-STD 1760 EQUIPMENT ON THE B-1B. JDAM IS THE FIRST MIL-STO WEAPON PLANNED FOR THE B-1, WHICH WILL ALSO INTEGRATE FUTURE 1760 WEAPONS. THE FIRST THREE KITS WILL BE TRIAL INSTALLS AND KITPROFS; THE REMAINING 123 KITS WILL BE DELIVERED TO ACC TO MODIFY THE 123 EXISTING LAUNCHERS IN THE AIR FORCE INVENTORY. AIRCRAFT: 82 ACTIVE; 13 ANG. APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE UDAM/1760 CONVENTIONAL ENHANCEMENTS, MN-4253 CLC B-1 CLASS P PE 11126F B-1B MODELS OF AIRCRAFT AFFECTED FY 1996 PRE MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: EMD STARTS IN FY95.

RDJECTED FINANCIAL F RDT&E (3600)	PR]	OR FY-94 FY-95 FY-96 AMT QTY AMT QTY AMT QTY AMT 24.6 68.2	FY-94 FY-95 FY-96 FY-97 FY-98 QTY AMT QTY AMT QTY AMT	FY-96 QTY AMT	FY-97 QTY AMT	FY-98 QTY AMT 52.9	
CUREMENT (3010)							

INSTALL KITS KITS NONRECUR CHANGE ORDERS EQUIP NONREC SIM/TRAINER EQUIPMENT DATA

3 -5 5 0. (3)

TOTAL INSTALL COST

SUPPORT-EQUIP INSTALLATION OF HARDWARE

TOTAL COST (BP-1100)

FOLLOW-ON LEAD TIME -- 18 MONTHS

0.9

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE

INITIAL LEAD TIME -- 21 MONTHS

UDAM/1760 CONVENTIONAL ENHANCEMENTS (CONTINUED) FACT SHEET; B-1 4253 UDAM/17 PROJECTED FINANCIAL PLAN (CONTT

(CONTINUED)

		FY-99 QTY	TM 4	FY-OO QTY AN	AMT			TO COMP QTY AMT		TOTAL QTY	AMT
RDT&E (3600)		 	23.9	! ! ! !							222.2
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT		99	32.2	57	27.8					123	6. 5. 5.
EQUIP NONREC CHANGĘ'ORDERS DATA			6. 4.		ω.						5 5
SIM/TRAINER SUPPORT-EQUIP			5.6		5.9						11.5 3.5
INSTALLATION OF HARDWARE		! ! ! !	! !	; ; ; ; ;] 5 2 2	1 1 1 1	 	1
TOTAL INSTALL COST											
TOTAL COST (BP-1100)		99	42.4	22	36.8					123	85.2
MĮĻESTONES:	FY-95	FY-96	FY-97	76	FY-98	FY-99	FY-00				
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	; ; ; ;	3/96 2/98	i i i	! !	1 1 1 1	1/99	1/00				

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

DATE 02/24/95

AIRCRAFT FY 1996 PROGRAM 9 MODIFICATION

IPTION/JUSTIFICATION: HISTORICALLY, THE FLAP/SLAT SYSTEM HAS BEEN SUSCEPTIBLE TO LOCKUP FROM A SECOND PILOT COMMAND AS THE SURFACE APPROACHES ITS INITIAL COMMANDED POSITION. A REDESIGN TO EXTEND DISENGAGEMENT SAMPLE TIME ALLOWS RAPID COMMAND REVERSALS OF THE FLAP/SLAT CONTROL HANDLE BACK THROUGH THE FLAP/SLAT DECTECTOR PRIOR TO SURFACES REACHING THE ORIGINAL COMMANDED POSITION, AND ALLOWS COMMANDS DURING SURFACE TRANSITION BRAKE ENGAGEMENT/RELEASE SEQUENCE TO MAPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-1 CLASS P PE 11126F CLC B-1 FLAP/SLAT CONTROLLER, MN-4295 MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO PREVENT LOCK-UP. FY 1996 PRE

NONE. NO RDT&E REQUIRED DEVELOPMENT STATUS:

AMT Fγ-99 OTY AMT FY-98 OΤV **∆M**T FY-97 QΤV AMT FY-96 QΤ AMT FY-95 ΩT AMT PRIOR QTY PROJECTED FINANCIAL PLAN

RDT&E (3600) N/A

SUPPORT-EQUIP INSTALLATION OF HARDWARE PROCUREMENT (3010) INSTALL KITS KITS NONRECUR CHANGE ORDERS EQUIP NONREC SIM/TRAINER EQUIPMENT DATA

6.3 2.8

95

œ

TOTAL INSTALL COST

TOTAL COST (BP-1100)

6 6

95

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE ... 12 MONTHS

-- 12 MONTHS FOLLOW-ON LEAD TIME

	TO COMP TOTAL QTY /		u o								
(CONTINUED)											
FLAP/SLAT CONTROLLER (CONTINUED)	FY-00 FY-01 QTY AMT QTY AMT										
FACT SHEET; B-1 4295 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010)	INSTALL KITS KITS NONRECUR	EQUIPMENT	EQUIP NONREC	CHANGE ORDERS	DATA '	SIM/TRAINER	SUPPORT-EQUIP	INSTALLATION OF HARDWARE

6.3 8.3

AMT

œ

6 6

95

CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY): INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT MILESTONES:

FY-97 -----2/97 2/98

TOTAL COST (BP-1100) TOTAL INSTALL COST

DATE 02/24/95

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC B-1 CLASS P DESCRIPTION/JUSTIFICATION: WHEN A SHORT OR OPEN CIRCUIT OCCURS IN THE ACTUATOR OR AIRCRAFT WIRING IT MAY CAUSE THE MOTOR DRIVE ASSEMBLY IN THE SPOILER CONTROLLER TO BURN OUT DUE TO CURRENT OVERLOAD. A REDESIGN OF THE MOTOR DRIVE ASSEMBLY WILL PROVIDE COVER PROTECTION TO THE MOTOR DRIVE ASSEMBLY. AIRCRAFT: 83 ACTIVE; 13 ANG. PE 11126F SPOILER CONTROL, MN-4296 B-1B MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO FY 1996 PRE

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3.6 1.2

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r.

PROCUREMENT (3010) INSTALL KITS KITS NONRECUR CHANGE ORDERS EQUIPMENT EQUIP NONREC SIM/TRAINER DATA

RDT&E (3600) N/A

SUPPORT-EQUIP INSTALLATION OF HARDWARE TOTAL INSTALL COST

TOTAL COST (BP-1100)

FOLLOW-ON LEAD TIME -- 12 MONTHS METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- 12 MONTHS

5.2

55

5.2

39

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	TO COMP TOTAL QTY AMT QTY AMT		95 8.9	o.		95 13.5	
(CONTINUED)							
	FY-O1 QTY AMT						99 FY-00
	FY-00 OTY AMT Q			,	! ! ! !		FY-99 1/99 1/00
SPOILER CONTROL (CONTINUED)	ΕΥ- QTΥ				1		FY-98 1/98 1/99
9							FY-97 2/97 2/98
FACT SHEET; B-1 429 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	CHOIG ORDERS CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP	INSTALLATION OF HARDWARE TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES: CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

PAGE 22

*** UNCLASSIFIED

DATE 02/21/95

AIRCRAFT FY 1996 PROGRAM OF. MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE

B-18 MODELS OF AIRCRAFT AFFECTED

AC/DC POWER & PROVIDES CONTROL, MONITOR & PROTECTION FUNCTIONS. THE GENERATES & DISTRIBUTES AC/DC POWER & PROVIDES CONTROL, MONITOR & PROTECTION FUNCTIONS. THE GENERATOR CONTROL UNIT (GCU) CONTROLS A REGULATOR THAT PROVIDES +15 VDC FOR 9 OF 10 PRINTED WIRE ASSEMBLY (PWA) BOARDS IN THE GUC. LOSS OF THIS REGULATOR RESULTS IN LOSS OF PROPER MONITORING & PROTECTION. THIS WILL ULTIMATELY RESULT IN DEGRADED PRIMARY AC BUS VOLTAGE WHICH DEGRADES ACFT SYS PEFORMANCE & COULD JEOPARDIZE SAFETY OF ACFT & CREW. A REDESIGNED CIRCUIT WOULD PROVIDE AN AUTOMATIC TRIP OF THE GENERATOR LINE CONTACTOR (GLC) IN EVENT OF LOSS OF THE +15 VDC SUPPLY. IMPLEMENTATION OF THIS CIRCUIT WOULD ELIMINATE THE AFOREMENTIONED PROBLEMS. AIRCRAFT: 83 ACTIVE; 12 ANG. CLASS P 11126F CLC B-1 PE GENERATOR CONTROL UNIT REDESIGN, MN-4298 DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO FY 1996 PRE

NO DOTAL REGITEED HONE Б

	.AN PRIOR FY-94 FY-95 FY-96 FY-97 FY-98 QTY AMT QTY AMT QTY AMT QTY AMT
	FY-98 QTY AMT
	97 AMT
	FY-97 QTY
	96 AMT
	FΥ-96 QTΥ /
	95 AMT
	FY-95 QTY AN
	94 AMT
200	FY-94 QTY ,
ב ב מ	R AMT
DEVELOPMENI STATUS: NONE: NO RDIGE REGOINCO:	PLAN PRIOR FY-94 FY-95 FY-96 FY-97 QTY AMT QTY AMT QTY AMT QTY AMT
. A I U S :	ANCIAL F
AFN V	ED FINA
DEVELOPA	PROJECTED FINANCIAL PLAN Q1

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∀ 	_									HARDWARE	
3600)	(3010)	ITS	ECUR		REC	DERS		ER	QUIP		
RDT&E (3600)	PROCUREMENT (301	STALL K	S NONR	JI PMENT	JIP NON	NGE OR	Ā	SIM/TRAINER	PORT-E	INSTALLATION OF	
 .	PROCL	Ϋ́I	X	EQL	EQ.	Ë	DA	SI	SU	INST	

TOTAL INSTALL COST

TOTAL COST (BP-1100)

FOLLOW-ON LEAD TIME -- 9 METHOD OF IMPLEMENTATION: INSTALLATION'-- ORG/INTERMEDIATE INITIAL LEAD TIME -- 12 MONTHS

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12.0

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DATE 02/21/95

OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLESIGN. MN-4298 GENERATOR CONTROL UNIT REDESIGN, MN-4298 FY 1996 PRE

AC/DC POWER & PROVIDES CONTROL, MONITOR & PROTECTION FUNCTIONS. THE GENERATOR CONTROL UNIT

(GCU) CONTROLS A REGULATOR THAT PROVIDES +15 VDC FOR 9 OF 10 PRINTED WIRE ASSEMBLY (PWA) BOARDS

IN THE GUC. LOSS OF THIS REGULATOR RESULTS IN LOSS OF PROPER MONITORING & PROTECTION. THIS

WILL ULTIMATELY RESULT IN DEGRADED PRIMARY AC BUS VOLTAGE WHICH DEGRADES ACFT SYS PEFORMANCE &

COULD JEOPARDIZE SAFETY OF ACFT & CREW. A REDESIGNED CIRCUIT WOULD PROVIDE AN AUTOMATIC TRIP

OF THE GENERATOR LINE CONTACTOR (GLC) IN EVENT OF LOSS OF THE +15 VDC SUPPLY. IMPLEMENTATION

OF THIS CIRCUIT WOULD ELIMINATE THE AFOREMENTIONED PROBLEMS. AIRCRAFT: 83 ACTIVE: 12 ANG. 11126F E b E B-1B MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO

NO RDT&E REQUIRED NONE. DEVELOPMENT STATUS:

FY-98 QΤΥ AMT FY-97 QΤΥ AMT ٥T AMT FY-95 0T√ AMT FY-94 QTY AMT PRIOR o_T PROJECTED FINANCIAL PLAN

RDT&E (3600) N/A

SUPPORT-EQUIP INSTALLATION OF HARDWARE PROCUREMENT (3010) CHANGE ORDERS KITS NONRECUR INSTALL KITS EQUIP NONREC SIM/TRAINER EQUIPMENT: DATA

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION '-- ORG/INTERMEDIATE INITIAL LEAD TIME -- 12 MONTHS

MONTHS 6 --FOLLOW-ON LEAD TIME

1.2

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		TO COMP TOTAL QTY AMT QTY AMT		95 10.2	1.5		- 90 H				
	(CONTINUED)										
214 - 400000 + + + +	GENERATOR CONTROL UNIT REDESIGN (CONTINUED)	FY-99 FY-00 Y AMT QTY AMT							97 FY-98		
		FY QTY 							FY-96 FY-97		
	FACT SHEET; B-1 4298 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	EQUIP NONREC CHANGE ORDERS DATA	SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

DATE 02/21/95

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CONVENTIONAL BOMB MODULE CONVERSION, MN-4300 CLC B-1 CLASS P DESCRIPTION/JUSTIFICATION: MODIFICATION PROCURES 50 KITS TO CONVERT THE EXISTING MK-82, 28 STATION PE 11126F B-1B MODELS OF AIRCRAFT AFFECTED FY 1996 PRE MODIFICATION TITLE AND NO

	AMT	33.8	15.9 8.9	8. 1.	1.4	1.7	24.9	٠		
	TOTAL QTY	1	20		(10)	20	50			
	TO COMP QTY AMT	1 1 1 1 1 1 1 1								
(CONTINUED)										
NC								FY-97		
CONVERSIO	O AMT				3 1 1			FY-96	1/96	4 0 0
BOMB MODULE CONVERSION	FY-00 AMT QTY AN	1				1		FY-95	3/95 3/96 3/96	FY-97 2 3 10 10
CONVENTIONAL B	FY-99 QTY A	i I				! ! ! ! !		FY-94	1 1 1 1	4 o o
•								FY-93	 	FY-96 2 3
FACT SHEET; B-1 4300 PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER	SUPPORT-EQUIP INSTALLATION OF HARDWARE FY95 10 KITS FY96 40 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT

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DATE 02/21/95

OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

ING SYSTEM. THE VISUAL EFFORT IS BEING ACCOMPLISHED THRU AN AIR COMBAT COMMAND (ACC) PROGRAM CALLED INTEROPERABLE VISUALS/SENSORS FOR ACC (IVACC). FY93/94 FUNDS PURCHASE OFF-THE-SHELF EQUIPMENT TO SUPPORT THE VISUAL SENSOR SIMULATION (VSS) SYSTEMS FOR FOUR WEAPON SYSTEM TRAINERS (WST). PLUS TRAINING SUPPORT CENTER (TSC) DATABASE UTILIZATION CAPABILITY. CONTRACT CHANGES FOR ONE WST AND TWO MISSION TRAINERS (MT) WILL BE EXERCISED IN FY95. FY96 FUNDS WILL BE USED FOR A COMPUTATIONAL SYSTEM UPGRADE TO EXPAND MEMORY AND SPARE TIME WHICH MUST BE COMPLETE BEFORE THE TRAINING SYSTEM CAN BE MODIFIED TO MEET PHASE III AIRCRAFT CONVENTIONAL UPGRADES. DESCRIPTION/JUSTIFICATION: THIS MODIFICATION PROVIDES VISUAL AND COMPUTATIONAL UPDATES TO THE TRAIN-APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-1 CLASS P 11126F SIMULATOR UPDATES, MN-5047 B-1B MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO FY 1996 PRE

83 ACTIVE; 12 ANG. NO DEVELOPMENT. AIRCRAFT: DEVELOPMENT STATUS:

AMT QTY AM⊤ QT. AMT FY-96 OΤV AMT FY-95 QΤΥ AMT FY-94 AMT PRIOR ŎT. PROJECTED FINANCIAL PLAN

RDT&E (3600) N/A

PROCUREMENT (3010) KITS NONRECUR EQUIP NONREC CHANGE ORDERS INSTALL KITS EQUIPMENT

SIM/TRAINER DATA

INSTALLATION OF HARDWARE SUPPORT-EQUIP

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5.6

TOTAL COST (BP-1100)

TOTAL INSTALL COST

FOLLOW-ON LEAD TIME METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM INITIAL LEAD TIME -- 15 MONTHS

-- 15 MONTHS

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	FACT SHEET; B-1 5047 SI PROJECTED FINANCIAL PLAN (CON		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS	DATA SIM/TRAINER SUPPORT-EQUIP NSTALLATION OF HARDWARE	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES: FY-93	CONTRACT-DATE (QTR/FY): 2/94 DELIVERY-DATE (QTR/FY): 3/95
	SIMULATOR UPDATES (CONTINUED)	FY-99 QTY AMT			; 	×.		FY-94	
•		FY-00 QTY AN			i ! ! !			FY-95	
		AMT			!			F Y - 96	
	(CONTINUED)								
		TO COMP QTY AMT			 1 2 3 1 1				

25.4

AMT

TOTAL QTY 25.4

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

DATE 02/24/95

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CL B-1 CLASS P

BAND 5 AFT TRANSMITTER HVPS, MN-5049

DESCRIPTION/JUSTIFICATION: CORRECTS MARGINAL CIRCUITS IN THE HIGH VOLTAGE POWER SUPPLY (HVPS)

INVERTER, HEATER INVERTER, HIGH VOLTAGE CAPACITORS, FEEDBACK CIRCUIT, HIGH VOLTAGE CONNECTORS/
CABLES AND TRANSFORMERS. THE CORRECTION OF THESE MARGINAL CIRCUITS WILL PROVIDE AN ESTIMATED
20-25% IMPROVEMENT IN THE HVPS MTBF REDUCING THE HIGH VOLTAGE FAILURES AND REDUCING HEAT BUILDUP. MODIFICATION WILL BE ACCOMPLISHED ON HVPS AS LRUS ARE SENT TO DEPOT FOR REPAIR. 11126F PE B-1B MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO FY 1996 PRE

DEVELOPMENT STATUS: ENGINEERING STARTS FY95.

PROJECTED FINANCIAL PL	PLAN		ì	L	ì	Ç) 	70	; > u	κς: - 10 κ	P V 1	9
	PRIOR QTY A	± ₩	QTY AM	SS AMT	QTY A	AMT	QTY	AMT	QTY -	QTY AMT	QTY	AMT
RDT&E (3600)	 	i 	 	7.0	1 1 1 1	l						
PROCUREMENT (3010) INSTALL KITS KİTS NONRECUR							27	1.6	16	ω .	52	2.7
EQUIPMENT EQUIP NONREC												
CHANGE ORDERS DATA												
SIM/TRAINER												
SUPPORT-EQUIP									(0.	c		c
MOD OF SPARES									(91)	o.	(91)	o.
INSTALLATION OF HARDWARE	***								(10)	•		
FY97 27 KITS									(21)	4.	(10)	c
FY98 16 KITS											(01)	
FY99 52 KITS	 	i 	! ! !	! ! ! !	1 1	! ! ! !	1 1 1	1 1 1 1	1	! ! ! !	1	
TOTAL INSTALL COST	! ! ! !								27	4.	16	. 2
TOTAL COST (BP-1100)							27	1.6	16	2.0	52	3.7
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT INITIAL LEAD TIME 18 MONTHS	ION:	INSTALL AL LEAD	ATION	DEPO	T ONTHS		FOLL	FOLLOW-ON LEAD TIME 18 MONTHS	EAD TIN	ME 18	8 MONTH	1S

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	TOTAL QTY AM	2	95 5.1	1.6 (27) .4 (16) .2			6.7	_2		
	TO COMP QTY AM1				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
(CONTINUED)										FY-01 2 3 4 16
•								FY-01		4 1 18 16 18 18
								FY-00		FY-00 2 3 18
PS)1 AMT					.2	s.	FY-99	1/993/00	4 & & & + & & & & & + & & & & & & & & &
JSMITTER HV	FY-01				.4 (16)	.4 16	4.	FY-98	1/98 3/99	FY-99 3
BAND 5 AFT TRANSMITTER HVPS (CONTINUED)	FY-00 QTY AMT				(36)	36		FY-97	1/97 3/98	4 1 14 1 13 14
								FY-95	! ! ! !	FY-98 2 3 13
FACT SHEET; B-1 5049 PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS	SIM/INAINER SUPPORT-EQUIP MOD OF SPARES INSTALLATION OF HARDWARE	FY99 52 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

DATE 02/24/95

FY 1996 PRE

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

MODIFICATION TITLE AND NO

B-1B MODELS OF AIRCRAFT AFFECTED

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE INTERFOROMETER RCVR BAND REJECT FILTERS , MN-5051 CLC B-1 CLASS P PE 11126F

DESCRIPTION/JUSTIFICATION: BAND 4/5 BAND REJECT FILTERS ARE REQUIRED TO PREVENT SATURATION OF THE INPUT RF AMPLIFIERS WITHIN THE INTERFEROMETER RECEIVER BY TAIL WARNING FUNCTION TRANSMITTER SIGNAL WILL 1 ACTIV

RDT&E (3600) N/A

FY-98	FY-97	FY-96	FY-95	Δ.	PROJECTED FINANCIAL
			TARTS FY98.	DEVELOPMENT S	DEVELOPMENT STATUS:
BF OF THE]	BY TAIL WAKNED AND THE MI	ILK RECEIVER VILL BE REDUCE SEIVER OPERATI	HE INTERFEROME IGNAL LEVELS V RFEROMETER REC	FFIERS WITHIN T EXCESSIVE RF S BAND 4/5 INTE NG.	INPUT RF AMPLIFI SIGNALS. THE EY WILL IMPROVE. E ACTIVE; 13 ANG.
	ING FUNCTIONS FUNCTIONS FOR THE 1	BY TAIL WARNING FUNCTION OF THE BENEESTABLISHE FY-97 FY-98	FER RECEIVER BY TAIL WARNING FUNCTION LEL BE REDUCED AND THE MTBF OF THE 1SELISHE BEILISHE BE FY-96 FY-97 FY-98	HE INTERFEROMETER RECEIVER BY TAIL WARNING FUNCTION GRAL LEVELS WILL BE REDUCED AND THE MTBF OF THE IRREROMETER RECEIVER OPERATION WILL BE REESTABLISHE ITARTS FY98. FY-95 FY-96 FY-98	FIERS WITHIN THE INTERFEROMETER RECEIVER BY TAIL WARNING EXCESSIVE RF SIGNAL LEVELS WILL BE REDUCED AND THE MTBF OBAND 4/5 INTERFEROMETER RECEIVER OPERATION WILL BE REESTIG. DEVELOPMENT STARTS FY98. PLAN PRIOR FY-95 FY-96 FY-96 FY-97 AMT OFF

2.8 9 ტ SIM/TRAINER SUPPORT-EQUIP MOD OF SPARES INSTALLATION OF HARDWARE TOTAL INSTALL COST PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS DATA

1.3

28

FOLLOW-ON LEAD TIME -- 12 MONTHS METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- 12 MONTHS

TOTAL COST (BP-1100)

4.4

28

2.9

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	TO COMP TOTAL QTY AMT		95 4.4	2.		95 4.5		_ = =
(CONTINUED)								
INTERFOROMETER RCVR BAND REJECT FILTERS (CONTINUED)	FY-OO FY-O1 QTY AMT QTY AMT						FY-98	2/97 2/98 2/99 2/98 2/99 .
FACT SHEET; B-1 5051 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA	SIM/IRAINER SUPPORT-EQUIP MOD OF SPARES INSTALLATION OF HARDWARE	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES: F	CONTRACT-DATE (QTR/FY): 2 DELIVERY-DATE (QTR/FY): 2

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE WAVEFORM GENERATOR EEPROMS, MN-5052 DESCRIPTION/JUSTIFICATION: REPLACES EXISTING FUSIBLE LINK PROM PRINTED CIRCUIT BOARDS IN THE WAVE-FORM GENERATOR WITH EE PROGRAMMABLE READ ONLY MEMORY (EEPROMS). CURRENT PROCEDURES TO CHANGE PE 11126F B-1B MODELS OF AIRCRAFT AFFECTED FY 1996 PRE MODIFICATION TITLE AND NO

THE REPLACEMENT PROMS WILL CONTAIN NEW WAVEFORM DATA AS REQUIRED BY HQ ACC. THIS REMOVAL AND REPLACEMENT PROCESS CAN TAKE 18-36 MONTHS TO ROTATE ALL B-1B WAVEFORM CIRCUIT CARDS THROUGH THI DEPOT. ALSO, THE NUMBER OF TIMES THIS PROCESS CAN BE ACCOMPLISHED IS LIMITED WITHOUT ; UEOPARDIZING THE INTEGRITY OF THE MULTI-LAYER BOARDS. IMPLEMENTING EEPROMS IN THE WAVEFORM GENERATOR PROVIDES ACC WITH THE CAPABILITY OF RAPID REPROGRAMMING WAVEFORM DATA AT FIELD SITES	PROMS WILL CONTAIN NEW WAVEFORM DAIA AS REQUIRED BY HY ACC. THIS REMOVAL AND ESS CAN TAKE 18-36 MONTHS TO ROTATE ALL B-18 WAVEFORM CIRCUIT CARDS THROUGH THE HE NUMBER OF TIMES THIS PROCESS CAN BE ACCOMPLISHED IS LIMITED WITHOUT INTEGRITY OF THE MULTI-LAYER BOARDS. IMPLEMENTING EEPROMS IN THE WAVEFORM SES ACC WITH THE CAPABILITY OF RAPID REPROGRAMMING WAVEFORM DATA AT FIELD SITES.	IMES THI THE MUL HE CAPAB	S PROC TI-LAY	O ROTAT ESS CAN ER BOAF OF RAPI	TE ALL V BE AC RDS. I	COMPLIS COMPLIS MPLEMER COGRAMM	SHED IS NTING E ING WAY	EEPROMS VEFORM	DATA A	WAVEF	ORM SITES
DEVELOPMENT STATUS: D	DEVELOPMENT COMPLETE.	MPLETE.	AIRCRAFT:		33 ACTI	83 ACTIVE; 12 ANG.	ANG.				
PROJECTED FINANCIAL PLAN	AN PRIOR QTY AMT	76-	t AMT	FY-95 QTY /	AMT	FY-96 QTY /	T W T	FY-97 QTY AI	7 AMT	FY-98 QTY	8 AMT
RDT&E (3600) N/A	1 1 1 1 1 1 1 1 1										
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT						17	ر تن	38	9.4	04	3.5
EQUIP NONREC CHANGE ORDERS DATA							ღ.				
SIM/TRAINER SUPPORT-EQUIP MOD OF SPARES INSTALLATION OF HARDWARE	u.	! ! !		 	: : : :	! ! !	2	! ! !	9	! ! ! !	
TOTAL INSTALL COST											
TOTAL COST (BP-1100)	٠					17.	2.0	38	4.0	40	4.0
METHOD OF IMPLEMENTATION:	ION: INSTALLATION ORG/INTERMEDIATE INITIAL LEAD TIME 12 MONTHS	ATION TIME	ORG/II 12 MOI	NTERMED NTHS	IATE	FOLLOW	/-ON LE	AD TIM	E 12	FOLLOW-ON LEAD TIME 12 MONTHS	"

	TO COMP TOTAL QTY AMT QTY AMT		95 8.4	ε.	1.3	-	95 10.0		_2
(CONTINUED)									
	•							96-7-1	
OMS	-00 AMT					! ! ! ! !		F.Y - 98	2/98 2/99
RATOR EEPRI	FY-00 AMT QTY AM					! ! ! ! ! !		FY-97	2/97 2/98
WAVEFORM GENERATOR EEPROMS (CONTINUED)	FΥ-99 QTY A							FY-96	2/96 2/97
, (C								FY-95	1 1 1 1
FACT SHEET; B-1 5052 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	CHANGE ORDERS DATA SIM/TRAINER	SUPPORT-EQUIP MOD OF SPARES INSTALLATION OF HARDWARE	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC B-1 CLASS P FY 1996 PRE MODIFICATION TITLE AND NO

DESCRIPTION/JUSTIFICATION: IMPROVES THE 1122 TECHNIQUE BEYOND THE CURRENT BASELINE. INCLUDES FREQUENCY EXTENSION, MULTIPLE POINT THREAT HANDLING CAPABILITY, AND IMPROVED POWER HANDLING. AIRCRAFT: 83 ACTIVE; 12 ANG. PE 11126F B-1B MODELS OF AIRCRAFT AFFECTED

DEVELOPMENT STATUS: DEVELOPMENT COMPLETE.

PROJEÇTED FINANCIAL PLAN Q	N PRIOR QTY. /	JR AMT	FY-94 QTY AMT	FY-95 QTY AN	15 AMT	FΥ-96 QTΥ A	96 AMT	FY-97 QTY	97 AMT	FY-98 QTY /	B AMT
RDT&E (3600) N/A	! ! !	! ! !	1 1 1 1 1 1 1 1 1	 - 	 						
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	16	7.8		23	10.4	. 23	13.6	23	16.4	0	9. 4.
CHANGE ORDERS DATA		. 7.			3		ເບ.	4			۲.
SUPPORT - EQUIP		1.8									
ISTALLATION OF HANDWANE FY92 1 KIT (15)	7.							,		
FY95 23 KITS FY96 23 KITS FY97 23 KITS						(18)	თ თ	(5) (18)	8.7.4	(5) (18)	g. g
FY98 10 KIIS	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1	1 1 1	 	1 -	1 (1 (1 (1 (1 (1 L 1 L 1 L	1 0	1 5
TOTAL INSTALL COST	16	5.5				2	ກ ຕ	23	ე	52	4.
TOTAL COST (BP-1100)	16	22.6		23	10.9	23	18.0	23	22.4	9	14.3
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT INITIAL LEAD TIME 15 MOI	ON: II	ON: INSTALLATION INITIAL LEAD TIME	ATION DEPC TIME 15 N	DEPOT 15 MONTHS		FOLL	W-ON LI	EAD TIN	E 4:	FOLLOW-ON LEAD TIME 15 MONTHS	v

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(CONTINUED)

				-				
	TO COMP QTY AMT						FY-99	
(CONTINUED)							FY-98 F	1/98 2/99
							FY-97	1/97 2/98
							FY-96	1/96 2/97
	OO AMT			! ! !			FY-95	1/95
	FY-00 AMT QTY AN		. .5	60.	2.9	4.4	FY-94	1 1 1 1
(CONTINUED)	FΥ-99 QTΥ /			(5)	15		FY-93	3/93 4/94
82U8OO 1122 AN (CONTI							FY-92	4/92 1/94
FACT SHEET; B-1 820 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) . INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY92 1 KIT	FY93 15 KITS FY95 23 KITS FY96 23 KITS FY97 23 KITS FY98 10 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

92.6

95

4 0 0

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FY-96 2 6 5

FY-95 2

FY-94

INSTALLATION SCHEDULE:
QUARTERS 1
INPUT
OUTPUT

FY-99 2 6 5

4 9 9

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FY-98 2 6.

INSTALLATION SCHEDULE:
QUARTERS 1
INPUT 5
OUTPUT 6

FY-97 2010

22.0

7. 4 . 8 . 4 . 7 . 5 . 6 . 5 . 6 . 2 . 0 . 2 . 0

1) 15) 23) 23) 10)

57.6 6.0

95

AMT

TOTAL QTY

5.2 1.8

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AIRCRAFT FY 1996 PROGRAM 9F MODIFICATION

DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC B-1 CLASS P LANCER 101C, MN-T4251C MODIFICATION TITLE AND NO FY 1996 PRE

B-1B MODELS OF AIRCRAFT AFFECTED

DOME/COWL AND THE HIGH PRESSURE TURBINE AFT RETAINER. CORRECTS HIGH MAINTENANCE-HOUR PROBLEMS WITH THE HPT NOZZLE, FORWARD CENTER BODY, AUGMENTOR SPRAY BAR, ALTERNATOR NUT, GEARBOX BEVEL GEAR, HPC BLADE CROPPING NO. 3 BEARING RETAINER RING AND CDP SEAL JOINT. EACH B-1 AIRCRAFT WILL BE AFFECTED BY THIS MODIFICATION. THERE ARE FOUR ENGINES PER AIRCRAFT. KITS PROCURED IN FY92/93 (246 KITS) WILL BE INSTALLED BY FIELD PERSONNEL (I.E., 0%1); LEADTIMES VARY IN THESE YEARS BECAUSE KITS ARE BEING PRODUCED AT THE ITEM MANAGER LEVEL. FY94/95 KIT PROCUREMENTS (208 KITS) REVERT TO NORMAL 12 MONTHS LEADTIME AND REQUIRE DEPOT LEVEL INSTALL. CORRECTS SAFETY RELATED PROBLEMS IN COMBUSTOR 11126F ÞΕ APPLIES TO F101 ENGINES. DESCRIPTION/JUSTIFICATION:

DELAYS IN FY92/93 BUYS DUE TO REPHASING RELATED TO CHANGES IN THE B-1 FORCE DEVELOPMENT STATUS:

PROJECTED FINANCIAL PL	PLAN OPTOP	و	FV-94	74	7 × ₹	ī.	FY-96	96	FY-97	76	FY-98	98	
	QTY	AMT	0TY	AMT	, , TQ	⊢ ¦	QTY	AMT	QTY	AMT	QTY	AMT	
RDT&E (3600) N/A													
PROCUREMENT (3010)	246	10.2	108	4	90	3.5							
KITS NONRECUR) ·												
EQUIPMEN! EQUIP NONREC													
CHANGE ORDERS													
DATA		2.5											
SIM/TRAINER													
SUPPORT-EQUIP													
INSTALLATION OF HARDWARE								,					
FY94 108 KITS					(67)		3.2 (41)	0.4	2.0	0.1			
FYSS 100 KIIS	1	1	 	1 1 1 1	1 1 1	 		- I) [- [-] -]	1 1	1 1	
TOTAL INSTALL COST					29	3.2	121	6.1	20	1.0			
TOTAL COST (BP-1100)	246	246 12.7 108	108	4.1	100	6.7		9		- 0.			
METHOD OF IMPLEMENTATION: INSTALLATION COMBINATION INITIAL LEAD TIME 3 MONTHS	ION: I	ON: INSTALLATION COMBINATIC INITIAL LEAD TIME 3 MONTHS	TION -	- COMBI	NATION NTHS		FOLLO	FOLLOW-ON LEAD TIME 12 MONTHS	AD TIM	E + 12	MONTH	ž	

	AMT		17.8	2.5	1 3 5 1 4 2 1 4 2	10.3	30.6	·	_ = =	
	TOTAL QTY		454		100)	208	454			
	TO COMP QTY AMT									
(CONTINUED)										
								FY-97		4
								FY-96		FY-97 2 3 10
	OO AMT					1 1 1 1		FY-95	1/95	31 10
	9 FY-00 AMT QTY AN					1 1 1 1 1 1 1 1 1		FY-94	4/94 4/95	FY-96 2 3 30 30 30 30
ER 101C NUED)	FΥ-99 QTY A					 		FY-93	4/94 1/95	4 1 67 30 67 30
T4251C LANCER 101C AN (CONTINUED)								FY-92	3/94 4/94	FY-95 2 3
FACT SHEET; B-1 T42 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC	CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP	INSTALLATION OF HARDWARE FY94 108 KITS FY95 100 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT

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AIRCRAFT FY 1996 PROGRAM 9 MODIFICATION DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC B-1 CLASS P CLC B-1 LANCER 101D, MN-T4251D MODIFICATION TITLE AND NO FY 1996 PRE

DESCRIPTION/JUSTIFICATION: CORRECTS F101 ENGINE PROBLEMS THAT ARE HIGH MAINTENANCE HOUR AND FUTURE NMC DRIVERS BY MODIFYING: HIGH TURBINE FWO OUTER SEAL, THRUST CONTROL ACTUATOR, TURBINE FRAME OIL TUBE, VSV-RIGGING, POWER MANAGED AFT CONTROL, FRONT FRAME, AND LOW PRESSURE TURBINE STAGE 2 PE 11126F B-1B

DEVELOPMENT STATUS: N/A.

RDT&E (3600) N/A

AMT QTY AMT FY-97 QTY AMT FY-96 QTY AMT QΤ AMT FY-94 QTY AMT PRIOR ŎΤ PROJECTED FINANCIAL PLAN BLADES.

4.9 4.9 260 (260)3 က 7.8 (33) 33 161 161 12.5 12.5 260 260 9. 9.1 33 SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE TOTAL COST (BP-1100) TOTAL INSTALL COST PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT FY95 33 KITS FY96 260 KITS FY97 161 KITS EQUIP NONREC CHANGE ORDERS DATA

FOLLOW-ON LEAD TIME -- 24 MONTHS METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT INITIAL LEAD TIME -- 24 MONTHS

(CONTINUED)

	TO COMP TOTAL QTY AMT QTY AMT		454 21.9	(33) 5 (260) 4.9 (161) 1.8		454 29.1		<u>2</u>	
(CONTINUED)									. E C C C 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	F				ļ		FY-98 FY-99		FY-99 1 2 3 40 40 40 40 40 40
	FY-99 FY-00 FY AMT QTY AMT			(161) 1.8	161 1.8	4.8	FY-96 FY-97 FY	1/97 1/99	FY-98 1 2 3 4 66 66 62 66 66 62
T4251D LANCER 101D AN (CONTINUED)	FY QTY)	1			1/97	FY-97 3 4 2 33 33 33
FACT SHEET; B-1 T42 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT. (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SIM/TAINER	INSTALLATION OF HARDWARE FY95 33 KITS FY96 260 KITS FY97 161 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

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FY 1996 PROGRAM FY 1996 PRE MODIFICATION TITLE AND NO LANCER 101E, MN-T4251E MODELS OF AIRCRAFT AFFECTED B-1B DESCRIPTION/JUSTIFICATION: CORRECTS F-101 ENGINE DEFIENCIENCI TUBE FITTINGS TO REDUCE OR ELIMINATE FUTURE NOT MISSION DEVELOPMENT STATUS: IN PROGRESS. PROJECTED FINANCIAL PLAN PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIPMENT EQUIPMENT EQUIPMENT SUMPRAINER SUMSTALLATION OF HARDWARE	IATION; AIRCR IES IN THE CI CAPABLE (NMC ATY AMT 223 5.0	APPROPRIATION; AIRCRAFT PROCUREMENT, CLC B-1 PE 11126F ENCIENCIES IN THE CITS PROCESSOR AND MISSION CAPABLE (NMC) PROBLEM AREAS. 96 FY-97 AMT QTY AMT QTY AMT QTY	CLASS CLASS FY-99 FY-99 TY-99	3 B 1 8
231 KITS	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!
TOTAL INSTALL COST			223	ω.
T0TAL C0ST (BP-1100)	223 5.0	5 231 5.1		ω.

FACT SHEET; B-1 T4251E LANCER 101E PROJECTED FINANCIAL PLAN (CONTINUED)

AMT FY-01 QΤΥ AMT FY-00 QTY A

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS

SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY97 223 KITS FY98 231 KITS

6.

(231)231

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TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

FY-00

FY-99

FY-98

FY-97

1/97 1/99 CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

1/98

Fγ-99 INSTALLATION SCHEDULE:
QUARTERS 1
INPUT 55
OUTPUT 55

58 58 58

58 58 58

58 58

1 57 57

FY-00

223) 231)

10.1

454

AMT

TOTAL QTY

AMT

TO COMP QTY AM

1.7 <u>ක</u> ග 454

11.8 454

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		BUL	BUDGET ITEM J	JUSTIFICATION	NO			DATE		
			(EXHIBIT P-40)	r P-40)				FEBRUARY 1995	RY 1995	
APPROPRIATION/BUDGET ACTIVITY	ON/BUDGET A	CTIVITY		P-1 ITE	P-1 ITEM NOMENCI ATURE: B-52	URF: R-52				
AIRCRAFT P	ROCUREMENT	AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATION	MODIFICATION	SNO						_
		FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	EV1000	EV2000	EV2004	_
QUANTITY						200		1 2000	1 2001	Т
COCT OF MAIN									-	-
COST (III MIII)		\$37.357	\$33.300	\$4.908	\$9.961	\$26.950	\$65.482	\$48.673	\$38 117	ī
)		

This line item funds modifications to the B-52H aircraft. The B-52H strategic bomber maintains nuclear and conventional taskings. The overall goal of the modifications budgeted in FY96 is to conventionally enhance 47 B-52H aircraft to replace the retired conventionally tasked B-52G aircraft. The specific modifications budgeted and programmed are attached.

PAGE NO.	UNCLASSIFIED
P-1 SHOPP LIST ITEM NO. 22	

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MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

STD FLT DATA REC, MN-14304B

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLS B-52 CLASS P DESCRIPTION/JUSTIFICATION: THE STANDARD FLIGHT DATA RECORDER (SFDR) MONITORS STRUCTUAL STRESS ON THE AIRCRAFT, THIS MOD INSTALLS SFDR ON 7 ADDITIONAL AIRCRAFT USING FUNDS PROVIDED BY CONGRESS IN FY95 TO INCREASE B-52 FORCE STRUCTURE. PE 11113F B-52H MODELS OF AIRCRAFT AFFECTED FY 1996 PRE MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: NONE. NO RDT&E REQUIRED.

FY-98 QTY A AMT FY-97 QTY AMT FY-96 QTY AMT FY-95 ٥T٧ AMT FY-94 ٥T AMT PRIOR QΤΥ PROJECTED FINANCIAL PLAN

AMT

RDT&E (3600) N/A

PROCUREMENT (3010) KITS NONRECUR INSTALL KITS EQUIPMENT

(7)

EQUIP NONREC CHANGE ORDERS DATA

SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE

FY95 7 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT INTIAL LEAD TIME -- 6 MONTHS

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(3)

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(4)

2.8

FOLLOW-ON LEAD TIME -- NA MONTHS

- <u>:</u>

FACT SHEET; B-52 14304B STD FLT DA PROJECTED FINANCIAL PLAN (CONTINUED)	4304B N (B-52 14304B STD FLT DATA REC INANCIAL PLAN (CONTINUED)	(CONTINUED)
		FY-99 FY-00	
		OTY AMT OTY AMT	

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIPMENT
EQUIPMENT
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE
FY95 7 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

FY-95 MILESTONES:

FY-96 2/95 3/95 CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY): FY-96 - 22 e с FY-95 2 INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

3.0 2 . 2 . AMT TOTAL QTY 7 AMT TO COMP QTY AM

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MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

DATE 02/21/95

VLF/LF MINIATURE RECEIVE TERMINAL, MN-3116 CLC B-52 CLASS P FY 1996 PRE

B-52H MODELS OF AIRCRAFT AFFECTED

(MRT) WILL BE PROVIDED FOR THE B-52H AIRCRAFT. ADDS A DIRECT VLF/LF RECEPTION CAPABILITY TO THE BOMBER FORCE. THE MRT WILL BE SECURE AND WILL INCORPORATE SIGNAL COMBINING AND MECN THE BOMBER FORCE. THE MRT WILL BE SECURE AND WILL INCORPORATE SIGNAL COMBINING AND MECN MESSAGE PROCESSING MODE (MMPM). SUPPORT EQUIPMENT INCLUDES TRANSFER MODUAL SERVICE STATION, AUXILLARY RACKS AND I-LEVEL CABLE SETS. FY92 ENGINEERING CHANGE PROPOSAL (ECP) TO RELOCATE SATCOM FROM GUNNER'S POSITION TO NAVIGATOR'S POSITION. THIS RESULTS IN \$900K COST AS SHOWN BELOW UNDER "OTHER". 33131F ם DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: DEVELOPMENT COMPLETE.

98 AMT												1 1 1 1 1			
FY-98 QTY A												 			
AMT												1 1 1 1			
FY-97 QTY AM												1 1 1 1			
i												1			
FY-96 QTY AM												1			
F												!			
FY-95 QTY AI	1 												1 		
34 AMT	 							1	ლ.				 		ღ.
FY-94 QTY AM	 												1 		
MT	131.1	6. 6. 6.	23.1	ត.	4.	ເນ	0.4	4.	o. -		-	2.0		-	36.5
AN PRIOR QTY A	! ! !	92									32)	(09		S	92
PROJECTED FINANCIAL PLAN Q	RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR	IPMENT TO MONDEC	NGE ORDERS	4	/TRAINER	PORT-EQUIP		ER	LLATION OF HARDWARE	9 35 KITS (FY90 60 KITS (F000 - 14 F014	IDIAL INSTALL COST	TOTAL COST (BP-1100)
PRO	¥	PROCUI INST	EOU	CHA	DAT,	SIM	SUP	ICS	OTHER	INSTA	FΥ8	FΥ9	İ	2	TOT

37

-- 24 MONTHS

FOLLOW-ON LEAD TIME

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM INITIAL LEAD TIME -- 23 MONTHS

VLF/LF MINIATURE RECEIVE TERMINAL (CONTINUED)

FACT SHEET; B-52 3116 PROJECTED FINANCIAL PLAN

(CONTINUED)

		FY-99		FY-00							TO COMP		TOTAL	F44.4	
		QTY A	AMT QTY	AMT							Y 7	•		- H M H -	
RDT&E (3600)														131.1	
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR FOLIPMENT													<u>ව</u>	3 .2. 23 .3	
EQUIP NONREC CHANGE ORDERS DATA														เช่ 4. ณ	
SIM/TRAINER SUPPORT-EQUIP ICS														4 +	
UNTER INSTALLTATION OF HARDWARE FY89 35 KITS FY90 60 KITS												<u> </u>	35) 60)	1.1	
TOTAL INSTALL COST			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1							1 1 1 1 1 1	1 	ເຄີຍ ເຄືອນ เกิด เกิด เกิด เกิด เกิด เกิด เกิด เกิด	3.1	
TOTAL COST (BP-1100)													95	36.8	
MILESTONES:	FY-89	FY-90	FY-91	FY-92	Ĺί	FY-93	FY-94		FY-95						
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	4/89 4/91	2/80 2/92 2/92	1/91	2/92 1/93											
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 0UTPUT	FY-93 2 3	4 - 9	FY-94 2 3 6 6 6 6	4 0 0	F	FY-95 2 3 6 6 6 6	4 9 9	+ 9 9 6	FY-96 2 3 6 6 6 6	4 9 9					
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 6 OUTPUT 6	FY-97 2 3 6 6 6 6	444													

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ICATION OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

DATE 02/21/95

DESCRIPTION/JUSTIFICATION: DEFENDS AGAINST MODERN ENEWY SAM, AAA AND INTERCEPTOR THREATS. PROVIDES FOR ADVANCED ELECTRONIC COUNTERMEASURE TECHNIQUES, SOFTWARE REPROGRAMMABILITY, AND INCREASED POWER. FY90/91 SUPPORT EQUIPMENT FUNDS DEPOT LEVEL TECHNICAL REPAIR CENTER. ESTABLISHING REPAIR CENTER AT WR-ALC SIGNIFICANTLY REDUCES CONTRACTOR LOGISTIC SUPPORT COSTS FOR REPAIR AND TEST OF ALQ-172 COMPONENTS. FY91 EQUIPMENT BUYS 0-LEVEL TPS FOR USM 464. (NOTE: FY86-90 COMBINED.) APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC B-52 CLASS P PE 11113F ALQ-172 ECM, MN-3145 B-52H MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO FY 1996 PRE

DEVELOPMENT STATUS: COMPLETE.

AMT FY-98 QTY AMT FY-97 AMT QTY AMT FY-95 QTY AMT FY-94 . ٥T٧ AMT PRIOR ٥T۲ PROJECTED FINANCIAL PLAN

N/A RDT&E (3600)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT INTIAL LEAD TIME -- 15 MONTHS

95 716.8

TOTAL COST (BP-1100)

FOLLOW-ON LEAD TIME -- 15 MONTHS

	TO COMP TOTAL QTY AMT QTY AMT		95 46.2 10.8 446.1 26.1	9.9 5.8 160.8 1.3	1.6	95 1.6	95 721.1			
	FY-99 FY-OO QTY AMT QTY AMT							FY-91 FY-92 FY-93 FY-94		FY-92 4 1 2 3 4 5 5 6 3 6 5 6 3
FACT SHEET; B-52 3145 ALQ-1 PROJECTED FINANCIAL PLAN (CONTIN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIPMENT	CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP SOFTWARE	INSTALLATION OF HARDWARE FYSO 95 KITS FYS1 KITS	TOTAL INSTALL COST	το†AL cosτ (ΒΡ-1100)	MILESTONES: FY-90	CONTRACT-DATE (QTR/FY): 1/90 DELIVERY-DATE (QTR/FY): 3/91	INSTALLATION SCHEDULE: FY-91 QUARTERS 1 2 3 INPUT 85 OUTPUT 75

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*** UNCLASSIFIED ***

OF AIRCRAFT MODIFICATION OF AIRC FY 1996 PROGRAM

DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC B-52 CLASS P

DESCRIPTION/JUSTIFICATION: NAVSTAR GPS PROVIDES WORLDWIDE THREE-DIMENSIONAL POSITIONING/NAVIGATION FOR MILITARY ACFT. GPS IS BASELINED TO ICSM AND HAVE NAP. FIRST 10 KITS ARE REFURBISHED KITS TAKEN FROM RETIRING G-MODELS. REMAINING KITS ARE NEW PROCUREMENT. INSTALLION PRICING VARIES BECAUSE SOME KITS ARE CONTRACTOR INSTALLED AND SOME ARE DEPOT INSTALLED. AIRCRAFT: 57 ACTIVE; 9 AFR. PE 11113F NAVSTAR GPS, MN-3150 B-52H MODELS OF AIRCRAFT AFFECTED FY 1996 PRE MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: DEVELOPMENT COMPLETE.

PROJECTED FINANCIAL PLAN	AN PRIOR	S.	FY-94	94	FY-95	J.	FY~96	96	FY-97	97	FY-98	e !
	φTΥ	~	QΤΥ	AMT	QTY	AMT	QTY	AMT	QTY 	AMT	QTY	AMT
RDT&E (3600) N/A	! ! ! !	1 1 1 1 1	! ! ! !									
PROCUREMENT (3010) INSTALL KITS	24	2.0	35	4.8	œ	4.0						
KITS NONRECUR EQUIPMENT		დ დ. –	(32)	2.4	(8)	1.6						
EQUIP NONREC	\- -			- 8				<u>+</u>				
CHANGE UNDERS		æ.		4.2		ღ.		9.				
SIM/TRAINER		-			Ξ							
SUPPORT-EQUIP		- .		ල.								
INSTALLATION OF HARDWARE												
FY92 24 KITS (24)	2.0			(00)		(0)	6	(2)	.2	(6)	α.
FY94 35 KITS FY95 8 KITS				1	(22)	i		 	:	t 	1	1 1 1
TOTAL INSTALL COST	24	2.0	 			2.2	7	.2	2	. 2	6	∞.
TOTAL COST (BP-1100)	24	o. o	35	11.1	80	5.1		4.9		. 2		ω.
METHOD OF IMPLEMENTATION: INSTALLATION COMBINATION 1 TAN TIAL FAD TIME 14 MONTHS	ON: I	FION: INSTALLATION COMBINATIC	TION -	- COMBI	NATION		FOLL	JW-ON L	EAD TIN	Æ 1	FOLLOW-ON LEAD TIME 14 MONTHS	

FACT SHEET; B-52 31E PROJECTED FINANCIAL PLAN RDT&E (3600) N/A	3150 NAVSTAR GI AN (CONTINUED) F' QTY	Sc - A	AMT QTY A	OO AMT			(CONTINUED)	9	TO COMP)TY AMT	I	AMT
										67	8.0.4 8.0.4 8.0.0.4 8.0.0.4
HARDWARE		(8)	() () () () ()	1 1 1 1				; ; ;		24) 35) 8)	3.4
TOTAL INSTALL COST		œ	8.							29	6.2
TOTAL COST (BP-1100)			ω.							67	29.8
	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	
(QTR/FY): (QTR/FY):	2/92 3/93	1 1 1 1	2/94 3/95	2/95 2/96							
INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	FY-93 2 3	4 +	FY-94 2 3	4 0	FY-95 2 3 11 12 8 11	16 11 10 10	FY-96 2 3 1 1	4 -			
INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	FY-97 2 3	4	FY-98 2 3 2 4 2 3	400	F γ - 99 2 3 4 2	4 0					
INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	FY-00 2 3	4	FY-01	4							

OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

THIS PROGRAM PROVIDES AN INTEGRATED CONVENTIONAL STORES MANAGEMENT SYSTEM APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE INTEGRATED CONV STORES MGMT SYS, MN-3263 CLC B-52 CLASS P USING MILITARY STANDARD 1760 SPECIFICATIONS. THE SYSTEM IS INTEGRATED INTO THE OFFENSIVE AVIONICS SYSTEM SOFTWARE & WILL ENABLE THE B-52 TO CARRY, PROGRAM, & LAUNCH NEW CONVENTIONAL WEAPONS THAT ARE BUILT TO MILITARY STANDARD 1760. FY93 USES EXCESS B-52G GROUP B KITS FOR B-52H INSTALLATION. THIS MODIFICATION IS TIED TO NAVSTAR GPS & IS REQUIRED FOR HAVE NAP. HARPOON, UDAM & TSSAM. ECP FUNDS MODS TO ADDITIONAL PYLONS IN SUPPORT OF INCREASED FORCE STRUCTURE. AIRCRAFT: 57 ACTIVE; 9 AFR (ALL B-52H MODELS). 11113F ΡĒ B-52H DESCRIPTION/JUSTIFICATION: MODELS OF AIRCRAFT AFFECTED FY 1996 PRE MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: DEVELOPMENT COMPLETE.

PROJECTED FINANCIAL PLAN	AN PRIOR	<u>α</u>	FY-94	46	FY-95	35	FY-96	96	Y-97		FY-98	!
	QΤΥ	AMT	QTY	AMT	QTY	AMT	0.17	AMT	QTY AMT		۲۲	AMT
RDT&E (3600) N/A	 	 	! ! !									
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR	o -	4.7	38	7.9	6	2.7						
EQUIPMENT EQUIP NONREC		- .										C T
CHANGE ORDERS		1.7		6.		. 2)
SIM/TRAINER		9.1		ı		- t						
SUPPORT-EQUIP		7.7				ດ ເ						
TOOLING FCP(PYLONS)		ν.										
INSTALLATION OF HARDWARE		•										
FY93 10 KITS (FY94 38 KITS	(0)	-			(36)	5.1	(5)	ъ.	(6)	ď	(8)	-
FY95 19 KITS		1	! ! !	 	 	 	(1)		(7)	1		
TOTAL INSTALL COST	9	-			36	5.1	က	. 7	2	ღ.	œ	1.2
TOTAL COST (BP-1100)	0	25.7	38	14.9	19	11.6		7.		ღ.		2.2
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT INITIAL LEAD TIME 12 MOI	ON: INITIAL	VSTALL/	ON: INSTALLATION DEPOT INITIAL LEAD TIME 12 MONTHS	- DEPOT	r JNTHS		FOLLO	M-ON L	FOLLOW-ON LEAD TIME 12 MONTHS	- 12 M	ONTHS	

INTEGRATED CONV STORES MGMT SYS (CONTINUED)

FACT SHEET; B-52 3263 PROJECTED FINANCIAL PLAN

(CONTINUED)

		FY-99 QTY /	FY-00 AMT QTY A	OO AMT				T0 VT0	TO COMP QTY AMT	TOTAL QTY	AMT
RDT&E (3600) N/A		1 1	1	1 1 1 1				1 † ! !	1 1 1 1 1 1	t 	
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR FOUIDMENT										99 +	15.3 8.6
EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER											1.0 3.8 1.7
SUPPORT-EQUIP TOOLING ECP(PYLONS)			11.0	3.0							14.0
INSTALLATION OF HARDWARE FY93 10 KITS FY94 38 KITS FY95 19 KITS		(8)	6.					, , , ,		10) 38) 19)	5.6
TOTAL INSTALL COST		i 1 00 1	1.3	1 1 1 1						67	9.7
TOTAL COST (BP-1100)			12.3	3.0						29	70.7
MILESTONES:	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	E F 1 1	4/93	2/94 2/95	2/95 2/96							·
INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	FY-93 2 3	4 -	FY-94 2 3	4 C	FY-95 2 3 11 12 8 11	4 1 1 1 1 4 1 1 4 6 6 1 6 1 6 1 6 1 6 1	FY-96 2 3 1 1 4 3	4 -			
INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	FY-97 2 3	4	FY-98 2 3 1 4	4 C E	FY-99 2 3 4 4	4 0					

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

DESCRIPTION/JUSTIFICATION: PROVIDES CAPABILITY FOR B52H AIRCRAFT TO EMPLOY STRATEGIC CONVENTIONAL PRECISION GUIDED WEAPON AGAINST HIGH VALUE, POINT TARGETS FROM STANDOFF RANGES TO REMAIN CLEAR OF ENEMY DEFENSES. EACH AIRCRAFT CAN CARRY THREE MISSILES AND A DATA LINK POD (FOR MISSILE TERMINAL GUIDANCE) OR FOUR MISSILES (USING SECONDARY AIRCRAFT FOR MISSILE TERMINAL GUIDANCE). MOD PROCURES AND 10 GROUP A. GROUP B FROM RETIRING G MODELS. APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLASS P PE 11113F CLC B-52 HAVE NAP-B52H, MN-3375A **B52H** MODELS OF AIRCRAFT AFFECTED FY 1996 PRE MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: COMPLETE.

PROJECTED FINANCIAL PLAN	PLAN PR	PRIOR	FY-94	94	FY-95	95	FY-96	96	FY-97	97	FY-98	86
	0TY	Y AMT QTY AMT QTY AMT QTY AMT QTY AMT	QΤΥ	AMT	QΤΥ	AMT	QΤΥ	AMT	QΤΥ	AMT	QTY	AMT
	1 1		1 1	1 1 1 1 1 1 1 1	1 1 1	 	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	 	1 1 1	1 1 1 1 1 1 1	1	1 1 1 1 1
A/M (OCOC) BATGO												

۷ 2 RDT&E (3600)

e 8.	£.3	1 1 1 1 1 1 1		5.1
. 8	ည် ပုံ ကု	2.2	2.2	5.0
თ		(6)	თ	6
. 6 . 0	4 4 4 4	4 1	4.	4.3
-		7	+-	-
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP	INSTALLATION OF HARDWARE FY93 1 KIT FY94 9 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)

MONTHS ဖ FOLLOW-ON LEAD TIME METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY INITIAL LEAD TIME -- 9 MONTHS

	AMT		- 7 9.0 9.8	ε 0. 4. α.	2.2	2.6	14.4			
	TOTAL QTY		01		(6)	10	0			
	. !									
	TO COMP QTY AMT				 					
(CONTINUED)										
	FY-OO QTY AMT							FY-95		95 3 4
В52Н	FY-99 QTY AMT	i				1 1 1 1 1 1 1 1 1		FY-94 FY	2/94 4/94	FY-95 4 1 2 9 3 3
'5A (C				So Sound of the Control of the Contr				FY-93		FY-94 2 3
FACT SHEET; B-52 337 PROJECTED FINANCIAL PLAN	The second secon	RDT&E (3600) N/A	PRDCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC	CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP	INSTALLATION OF HARDWARE FY93 1 KIT FY94 9 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT
	11							·.		

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MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

DESCRIPTION/JUSTIFICATION: PROVIDES MULTIPURPOSE RADIOS FOR CONVENTIONAL B-52H GREATLY IMPROVES FREQUENCY COVERAGE AND ELECTRONIC COUNTER COUNTER MEASURES COMMUNICATIONS CAPABILITY FOR IMPROVED FLEXIBILITY AND INTERPREDENCE AND WITH SERVICES, AND PROVED FLEXIBILITY AND INTERPREDENCE ASSETTING MADITIME MANY ONLY CAPABILITY THIS RADIO APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC B-52 CLASS P PE 11113F ARC-210 RADIO, MN-4222 B-52H MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO FY 1996 PRE ALLIE IS SE

DEVELOPMEN

PROJECTED

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_	4	-	-			6) 1	
`				WARE	÷ _	ĕ	
3010) S	J.	SS			s	s.	ç
PROCUREMENT (INSTALL KIT	KITS NONREC	EQUIP NONRE	DATA SIM/TRAINER	SUPPORT-EQU INSTALLATION	FY92 11 KIT	FY93 36 KIT	FY99 20 KITS
	PROCUREMENT (3010) INSTALL KITS 47 1.9	47 1	4 4	1 4 1 1	47 1 4 4 1 1	47 1 4 4 1 1 1 1 1 (11)	47 1 4 4 1 1 1 (36) 1

9

1.6 47 TOTAL INSTALL COST FY99 20 KITS

DEPOT/FIELD TEAM METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIEI INTIAL LEAD TIME -- 21 MONTHS 1.1 47 TOTAL COST (8P-1100)

FOLLOW-ON LEAD TIME -- 15 MONTHS

÷ :

	AMT			6.5	4 4 0.	. . 6. 6.	E :	e.	15.8					
	TOTAL QTY		67			11)	20)	29	67					
	COMP AMT					<u> </u>	`			F Y - 00				
	07 974						1			FY-99	1/99	4		
(CONTINUED)										FY-98		FY-97 2 3		
Ŭ										FY-97		4 -	4	
										FY-96		FY-96 2 3 3 3	FY-00 2 3 6 7	
	00 AMT						e :	е.	ε.	FY-95		4 13 13 9 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	4	
	AMT QTY ,		1.2	2.2	a' a'			 	3.8	FY-94		FY-95 2 3 9 12 5 13	FY-99 2 3	
ARC-210 RADIO (CONTINUED)	FY-99 QTY AN		20	(20)				1 1 1 1 1 1	20	FY-93	1/93 2/95	4	4	4
										FY-92	2/92 4/94	FY-94 2 3	FY-98 2 3	FY-01 2 3
FACT SHEET; B-52 4222 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS	KITS NONRECUR EQUIPMENT	EQUIP NONREC CHANGE ORDERS DATA	SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY92 11 KITS	FY93 36 KITS FY99 20 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: OUARTERS INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT 7

OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLG B-52 CLASS P

DESCRIPTION/JUSTIFICATION: PROVIDES CAPABILITY FOR B-52H TO EMPLOY THE HARPOON ANTI-SHIP MISSILE IN SUPPORT OF ACC'S MARITIME COLLATERAL (JOINT SUPPORT OF US NAVY) MISSION. THIS EFFORT DEVELOPS A HARPOON PERSONALITY ADAPTOR AND SOFTWARE MANAGEMENT OVERLAY FOR THE ICSMS SYSTEM. THE EQUIPMENT MODIFIED IS THE HEAVY STORES ADAPTOR BEAM AND PYLON. THE PYLON AND SOFTWARE CAN BE USED ON ALL ICSMS AIRCRAFT. PE 11113F HARPOON, MN-4258 B-52H MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO FY 1996 PRE

AMT FY-98 QTY AMT FY-97 QTY <u>ග</u> Ŋ AMT QTY 3.8 2.0 1.8 AMT FY-95 5 QΤγ AMT FY-94 DEVELOPMENT STATUS: DEVELOPMENT COMPLETE ٥T 12.6 AMT PRIOR ٥T PROJECTED FINANCIAL PLAN SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE TOTAL COST (BP-1100) TOTAL INSTALL COST PROCUREMENT (3010) INSTALL KITS KITS NONRECUR RDT&E (3600) CHANGE ORDERS EQUIP NONREC EQUIPMENT DATA

-- 15 MONTHS

FOLLOW-ON LEAD TIME

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE

INITIAL LEAD TIME

-- 15 MONTHS

FACT SHEET; B-52 4258 PROJECTED FINANCIAL PLAN	HARPOON (CONTINUED)	JON JUED)		(CONTINUED)			
		FY-99 QTY AMT	FY-00 QTY AMT		TO COMP QTY AMT	TOTAL QTY AMT	<u> </u>
RDT&E (3600)						12.6	9.
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT				•		19	2.5
CHANGE ORDERS						2	2.2
SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE						. !	! L
TOTAL INSTALL COST		 					
TOTAL COST (BP-1100)						19 4	4.7
MILESTONES:	FY-93	FY-95	FY-96				_
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	 	2/95 3/96	1/96 2/97				

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

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MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC B-52 CLASS P

DESCRIPTION/JUSTIFICATION: GPS TACAN EMULATION INCLUDES THE INSTALLATION OF A CONTROL DISPLAY UNIT (CDU) AT THE PILOT AND COPILOT STATION AND THE INSTALLATION OF A SIGNAL DATA CONVERTER (SDC) TO INTERFACE WITH THE CURRENT ON BOARD GPS SYSTEM. IT WILL PROVIDE THE PILOT AND COPILOT GPS NAVIGATION AND PRECISION LANDING CAPABILITIES. PE 11113F GPS TACAN, MN-4271 B-52H MODELS OF AIRCRAFT AFFECTED FY 1996 PRE MODIFICATION TITLE AND NO

DEVELOPMENT STATUS:	DESIGN	ENGINEEI	RING	DESIGN ENGINEERING BEGINS IN FIRST QUARTER FY96.	N FIRS	T QUART	ER FYS	. 96				
PROJECTED FINANCIAL	PLAN PRIOR QTY	JR AMT	FY. QTY	FY-95 'Y AMT	FY-96	.96 AMT	FY-97 QTY /	-97 AMT	FY-98 QTY	98 AMT	FY-99 QTY	9 AMT
RDT&E (3600)	1 1 1 1	 	! ! !	t 1 1 1 1	1 1 1 1	9.6	 					
PROCUREMENT (3010)									26	2.1	25	2.2
KITS NONRECUR							-	⊕ •	(26)	6.0	(25)	6.1
EQUIPMENTEC CHANGE ORDERS												
DATA SIM/TRAINER												2.0
SUPPORT-EQUIP	14RF											
FY97 1 KIT	1						Ξ	. 7			(96)	2.6
FY98 26 KITS FY99 25 KITS											0 1	
FYOO 15 KITS				!	1	; ; ; ;	1 1	1 1	1	1 1	1 1	1 1 1
TOTAL INSTALL COST	 	 	i 	1 			-	<i>T</i> .			26	5.6
TOTAL COST (BP-1100)							-	3.8	26	8.1	25	12.9
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT INITIAL LEAD TIME 9 MOI	I :NOITA	ON: INSTALLATION INITIAL LEAD TIME	TION	DEPOT	DEPOT 9 MONTHS		FOLL	FOLLOW-ON LEAD TIME 15 MONTHS	EAD TIN	NE 15	MONTH	10

	AMT	9.6	5.7 3.1) ·	2.6	7.3	34.0				
	TOTAL QTY		99		Ŧ	(26) (25) (15)	67	67				
	TO COMP QTY AMT					1						
_											4 & 0	
(CONTINUED)											FY-00 2 3 8 9	
									FY-01		4 ov so	
									FY-00	1/00	FY-99 2 3 9 8	
	ot Amt	1 				3.		7.5	FY-99	1/99 2/00	4	4
	FY-01 QTY	! !				(15)	15		FY-98	1/98 2/99	98 3	3 .
	AMT	[] 1		ლ ლ		5	2.5	7.7	74 P	7/2	FY-98 2	FΥ-02 2
GPS TACAN ONTINUED)	٧٥٥	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	15	(45)		(25)	25	15	FY-97	1/97	4 +	4 E 9 - E
0)								i, de de la companya	FY-96		FY-97 2 3	FY-01 2 3 6 6 6
FACT SHEET; B-52 4271 PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR	EQUIPMENT EQUIP NONREC CHANGE ORDERS	SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE	FY97 1 KIT FY98 26 KITS FY99 25 KITS FY00 15 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 0UTPUT 8
			-								V.	

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*** UNCLASSIFIED ***

DATE 02/24/95

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE WIND CORRECTED MUNITIONS DISPENSER, MN-4272 CLC B-52 CLASS P

PE 11113F MODELS OF AIRCRAFT AFFECTED FY 1996 PRE MODIFICATION TITLE AND NO

IPTION/JUSTIFICATION: UPGRADE INTEGRATES THE WIND CORRECTED MUNITIONS DISPENSER (WCMD) ONTO THE B-52H AIRCRAFT VIA EXISTING MIL-STD 1760 INTERFACE. IT PROVIDES HIGH ALTITUDE NEAR PRECISION CLUSTER BOMB CAPABILITY ON B-52H IN THE REQUIRED PATTERN TO DEFEAT ARMOR/VEHICLE COLUMNS. THIS UPGRADE CONSISTS OF CERTIFICATION, SOFTWARE CABLES, AND UMBILICAL RESTRAINTS FOR 67 AIRCRAFT WITH EXTERNAL ONLY CAPABILITY. REQUIRES ICSMS (MN3263) AND GPS (MN3150). DESCRIPTION/JUSTIFICATION:

DEVELOPMENT STATUS: TO BE DETERMINED.

PROJECTED FINANCIAL PLAN		1	i	!	ì		2	,	001	a	201	ď
	PRIOR QTY	OR AMT	FY-95 QTY A	FY-95 QTY AMT	CTY -96	96 AMT	0TY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)	1 1 1	 	 	1 1 1 1	 	 	! ! !	7.0	! ! ! ! ! ! ! !	† 	 	! ! !
PROCUREMENT (3010) INSTALL KITS												
KITS NONRECUR							47	1.7			19	2.0
EQUIP NONREC												
CHANGE ORDERS								•				
DATA							()	7 15				
SIM/TRAINER							(4)					
SUPPORT-EQUIP INSTALLATION OF HARDWARE	ш							. I	1 1 1	1 i I I] 	! ! !
TOTAL INSTALL COST	1 1 1 1	 	1 	1 	1 1 t 1	 	 					
TOTAL COST (BP-1100)							47	4.6			19	2.0
METHOD OF IMPLEMENTATION: INSTALLATION ORG/INTERMEDIATE INITIAL LEAD TIME 24 MONTHS	ION: 1	NSTALL	ATION TIME -	- ORG/	INTERME ONTHS	DIATE	FOLLO	W-ON LE	AD TIM	IE 2,	FOLLOW-ON LEAD TIME 24 MONTHS	

ED)	TO COMP TOTAL QTY AMT	7.0		2.1. 2.1. 2.1.		9.9			
(CONTINUED)									
Σ	FY-OO FY-O1 QTY AMT QTY AMT	i I					FY-98		
FACT SHEET; B-52 4272 PROJECTED FINANCIAL PLAN (RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP	INSTALLATION OF MAKDWAKE	TOTAL COST (BP-1100)	Milestones: FY-97	CONTRACT-DATE (QTR/FY): 2/97 DELIVERY-DATE (QTR/FY): 2/98	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

UNCLASSIFIED

		BUDG	BUDGET ITEM JUSTIFI (EXHIBIT P-40)	JUSTIFICATION	_			DATE FEBRUARY 1995	RY 1995
PPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATION	SET ACTIVITY REMENT AF/AIRCE	AFT M	ODIFICATIONS	P-1 ITE	P-1 ITEM NOMENCLATURE: F-117	TURE: F-117			
	FY 1	FY 1994	l io	FY 1996	FY 1997	FY 1996 FY 1997 FY 1998	FY1999	FY2000 FY2001	FY2001
QUANTITY									
COST (In Mil)	\$11.	827	\$11.827 \$11.111	\$47.660	\$39.587 \$39.854	\$39.854	\$35.032	\$33.835	\$33.355

This line item funds modifications to the F-117A aircraft. The F-117A is a twin engine, single seat fighter incorporating lowobservable ("stealth") technology, enabling it to penetrate enemy air defenses and strike high-value targets with precision munitions. The overall goal of the modifications budgeted in FY96 is to enhance operational capabilities while improving reliability and maintainability. The specific modifications budgeted and programmed are attached.

!	163	
PAGE NO.		
P-1 SHOPP LIST	ITEM NO. 23	
	P-1 SHOPP LIST PAGE NO.	P-1 SHOPP LIST PAGE NO ITEM NO. 23

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

DESCRIPTION/JUSTIFICATION: FUNDS INSTALLATION OF KITS PROCURED IN APPN 3010/BP1900. FY92-95 BP1900 FUNDING SHOWN FOR INFORMATION ONLY. THE CURRENT PLATY EXHAUST AREA IS A HIGH MAINTENANCE AREA REQUIRING FREQUENT REPACKING OF THE SPCE BETWEEN THE CERAMIC BRICKS/BLOCKS. ALTHOUGH THE MATERIAL IS AN EXCELLENT INSULATOR, THE HEAT THAT GETS THROUGH CAUSES LONG TERM DAMAGE TO THE UNDERLYING COMPOSITE STRUCTURE. THIS IS A DEPOT DRIVER MOD FOR FY95-96. APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE PLATY BRICK/BLOCK REPLACEMENT, MN-11324 CLC F-117 CLASS P PE 27141F F-117A MODELS OF AIRCRAFT AFFECTED FY 1996 PRE MODIFICATION TITLE AND NO

RDT&E (3600) N/A

REQUIRING FREQUENT REPACKING OF THE SPCE BEIWEEN THE CERAMIC BRICKS/BLUCKS. ALTHOUGH THE THE MATERIAL IS AN EXCELLENT INSULATOR, THE HEAT THAT GETS THROUGH CAUSES LONG TERM DAMAGE TO THE UNDERLYING COMPOSITE STRUCTURE. THIS IS A DEPOT DRIVER MOD FOR FY95-96.	UENT REPAIS AN EXCE	CKING LLENT SITE S	OF THE INSULA' STRUCTUI	SPCE B TOR, TH RE. TH	EIWEEN E HEAT IS IS /	THAT G THAT G A DEPOT	KAMIC BKI ETS THROU DRIVER N	CKS/BLUCKS: AGH CAUSES LONG	TERM DA	MAGE	
DEVELOPMENT STATUS:	COMPLETE. NO RDT&E REQUIRED.	<u>8</u>	RDT&E	REQUIRE	٥.						
PROJECTED FINANCIAL	PLAN PRIOR OTV AMT	JR AMT		94 AMT	FY-95	95 ∆MT	FY-94 FY-95 FY-96	FY-97 FY-98 MT QTY AMT QTY AMT	FY AT QTY	FY-98 Y AMT	
	- 3	Ē			-				. !		

PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS	55 4	rù tha c								
SIM/TRAINER		٧.						ម.		
SUPPURI-EQUIP DEPOT PROCESS						3.2		3.2		
BP19 FUNDED	-7.8	ω.		Ţ.		-4.5				
INSTALLATION OF HARDWARE FY92 55 KITS			(1)	· • 1	(13)	1.3	.1 (13) 1.3 (19)	6.1	1.9 (19)	2.0 (
TOTAL INSTALL COST			-	-	13	د .	.1 13 19		1.9 19	2.0
TOTAL COST (BP-1100)	55							8.2		2.0
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT	ON: INSTALLATION DEPOT	LLATIC AD TIN	1 1 N	DEPOT	ZTHS		FOLLOW	/-ON LE	AD TIME	FOLLOW-ON LEAD TIME 12 MC

MONTHS

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	TO COMP TOTAL AMT QTY AMT OTY		55 6.5		6.4	5.6 (55) 5.6	55 5.6	55 10.5	<u> </u>			4	
	T0 VTV					1			FΥ-99		4 ប ប		
(CONTINUED)									FY-98		FY-97 2 3 5 4 6 4		
									FY-97		4 ro 4 + ro e		
									FY-96		FY-96 2 3 5 4 6 5		
EMENT	OO AMT						1 1 1 1		FY-95		4 6 4 - R 4		
OCK REPLACI	AMT QTY /				•		1 1 1 1 1		FY-94		FY-95 2 3 3 3 4 2		
PLATY BRICK/BLOCK REPLACEMENT (CONTINUED)	FY-99 QTY AM						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		FY-93		4 + + +′4	4	
									FY-92		FY-94 2 3	FY-98 2 3	က
FACT SHEET; F-117 11324 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	CHANGE ORDERS DATA CTANTO	SIM/IRAINER SUPPORT-EQUIP DEPOT PROCESS FLIGHT TEST	BP19 FUNDED INSTALLATION OF HARDWARE FY92 55 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 3	OUTPUT 4

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OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE AP-102 COMPUTER MEMORY EXPANSION, MN-11326 CLC F-117 CLASS P FY 1996 PRE

F-117A

IPTION/JUSTIFICATION: THE NAVIGATION AND WEAPON COMPUTERS HAVE LESS THAN FOUR PERCENT SPARE MEMORY AFTER RELEASE OF OFP-55 (AUG 93). UNTIL AVAILABLE MEMORY IS INCREASED, CORRECTIONS AND/OR IMPROVEMENTS TO THE SYSTEM REQUIRING ADDITIONAL OFP SOFTWARE CAN NOT BE MADE. THERE ARE NO A KITS AND THREE GROUP B KITS PER AIRCRAFT. THIS MOD IS FULLY INTEGRATED WITH THE 3010/BP19 FUNDED RING LASER GYRO NAVIGATION IMPROVEMENT PROGRAM PLUS GLOBAL POSITIONING SYSTEM (RNIP+). PROCUREMENT, DELIVERY, AND INSTALLATION SCHEDULES ARE ALIGNED WITH RNIP+, SCHEDULES. FY95 4TH QTR CONTRACT AWARD SCHEDULED TO ALIGN DELIVERIES AND INSTALLATION WITH RNIP+. ITEMS ARE CURRENTLY IN PRODUCTION AND ARE READILY AVAILABLE. 27141F PE MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO

COMPLETE (NO RDT&E ASSOCIATED WITH THIS MOD). DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN	AN PRIOR		FY-94		FY-95	95	FY-96		FY-97	97	FY-98	86
,	QTV	F !	QTY 	AMT	0TY	AMT	QTY	AMT	7 L O	AM!		A M
RDT&E (3600) N/A												
PROCUREMENT (3010) INSTALL KITS												
KITS NONRECUR EQUIPMENT					15	1.1	57	4.1	51	3.8	36	2.7
EQUIP NONREC	6	3.2										
CHANGE URDERS DATA		1.1										
SIM/TRAINER				4.0		4.		•				c
SUPPORT-EQUIP		8		6.	,	. 5	í	ώ.		•		7 -
MOD OF SPARES					(3)	. 2	(7)		(c)	4.	(+ -)	-
INSTALLATION OF HARDWARE												
FY93 9 KITS (б								(46)	*		
FY95 15 KITS									(67)	· c	(48)	*
FY96 57 KITS									(47)			٠ ,
FY97 51 KITS FY98 36 KITS												
TSOS HINTENI MATOT	1 0] 	1 1 1	!	 	l l l l	1 1 1 1	 	57		57	. 2
וסואר זווסואדה כככו)											
TOTAL COST (BP-1100)	6	6.1		5.9	15	1.9	57	4.9	51	4.4	36	4.2
METHOD OF IMPLEMENTATION: INSTALLATION	. NO	STALL/	NOITA	CONTR	ACTOR	CONTRACTOR FACILITY	> -					

-- 14 MONTHS FOLLOW-ON LEAD TIME INITIAL LEAD TIME -- 18 MONTHS

17 11326 AP-102 COMPUTER MEMORY EXPANSION	
MEMORY	
COMPUTER	:D)
AP-102	PROJECTED FINANCIAL PLAN (CONTINUED)
11326	PLAN
FACT SHEET; F-117	INANCIAL:
T SHEET	JUECTED 1
FAC	PR

		66-√	FY-00	00 AMT				TO COMP QTY AMT	TOTAL . QTY	AMT
N/W (0056) 18100		-	AM		•				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT									159 9	11.7
CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP		(08)	т							- 4 4 4 - 4 4 7.
MOD UF SPAKES INSTALLATION OF HARDWARE FY93 9 KITS FY95 15 KITS						·			(9) (15) (57)	ď
57 51 36			* (9)	+ ! · !					(51)	
TOTAL INSTALL COST		96	0 1.	₹.					168	9.
TOTAL COST (BP-1100)			2.4	₹.					168	29.9
MILESTONES:	FY-93	FY-94	FY-95	FY-96	FY-97	F (FY-99	F + 00		_3
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	3/93 1/95		4/95 1/97	1/96 2/97	1/97 2/98	1/98 2/99				
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 3 OUTPUT 3	FY-95 2 3 3	4	FY-96 2 3 3 3	1 1 15	FY-97 2 3 15 12 18 12	4 1 15 15 12 12 12 12 12 12 12 12 12 12 12 12 12	FY-98 2 3 12 15 15 18	4 15 15		۰
HEDULE	FY-99	4 0	FY-00 2 3	4			•			<u>:</u>
INPUT 9 0UTPUT 9	ກ ຫ ກ	ກດ	6							

OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE

DESCRIPTION/JUSTIFICATION: MODIFICATION UPGRADES THE F-117 MISSION DATA PREPARATION SYSTEM SO THAT THE F-117 CAN TRANSITION TO THE COMMON AIR FORCE MISSION SUPPORT SYSTEM (AFMSS) DEVELOPED BY ELECTONICS SYSTEMS CENTER (ESC). SM-ALC WILL PROCURE COMMON AFMSS HARDWARE AND DEVELOP, TEST, INTEGRATE, AND FIELD F-117 UNIQUE HARDWARE AND SOFTWARE. SEVEN SYSTEMS ARE REQUIRED TO SUPPORT THE 55 F-117 AIRCRAFT. CLC F-117 27141F PE LONGTERM MDPS UPGRADE TO AFMSS, MN-11330 F-117A MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO FY 1996 PRE

DEVELOPMENT STATUS: ACQUISITION STRATEGY IS A TWO PHASE DEVELOPMENT. PHASE 1 AWARDED SEP 92
TO IMPROVE COMPETITIVE BASE FOR PHASE 2. PHASE 2 CONTRACT AWARDED AUG 93. FY94 3600 FUNDS
PROCURED TWO SYSTEMS TO SUPPORT DEVELOPMENT AND TEST REQUIRMENTS (ONE EACH FOR THE
CONTRACTOR AND INDEPENDENT VERIFICATION AND VALIDATION). SOFTWARE IN TEST STATUS JUN 95.
HARDWARE IS NOT SOFTWARE DEPENDANT. SOFTWARE DT&E OCT 95, FINAL SOFTWARE OT&E FEB 96.

PROJECTED FINANCIAL PLAN	PLAN									1	1		
	PRIOR	OR	FΥ-	FY-94	FY-95	95	FY-96	96-	FY-97	97	F Y - 98	86	
	QT.Y	QTY AMT	QTY	QTY AMT QTY AMT	QTY	QTY AMT	QT \	QTY AMT QTY AMT QTY AMT QTY	QTY 	TMA	QTY AMI	AMI	
RDT&E (3600)		16.5		4.6									
30cUREMENT (3010)													
INSTALL KITS													
FOUTPMENT					7	2.5							

SUPPORT-EQUIP INSTALLATION OF HARDWARE CHANGE ORDERS EQUIP NONREC SIM/TRAINER EQUIPMENT DATA

TOTAL INSTALL COST FY95 7 KITS

TOTAL COST (BP-1100)

4

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(2)

9

1.2 4

FOLLOW-ON LEAD TIME -- 6 CONTRACT FIELD TEAM ON: INSTALLATION -- CONTRACT I METHOD OF IMPLEMENTATION: INSTALLATION

MONTHS

- . -

LONGTERM MDPS UPGRADE TO AFMSS (CONTINUED) FACT SHEET; F-117 11330 PROJECTED FINANCIAL PLAN (

AMT FY-00 QTY A AMT FY-99 QΤΥ

RDT&E (3600)

SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY95 7 KITS PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

FY-96

FY-95 2/95 4/95

FY-94

FY-93 FY-92 CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

6 2 2 FY-96 INSTALLATION SCHEDULE:
QUARTERS 1
INPUT
OUTPUT

(CONTINUED)

2.5 21.1 AMT TOTAL 1 QT۲ AMT TO COMP QTY AM

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5.2

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MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

DATE 02/21/95

FY 1996 PRE

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE HIGH TEMPERATURE EDGES, MN-11332 CLC F-117 CLASS P DESCRIPTION/JUSTIFICATION: THE AIRCRAFT EDGES OUTBOARD AND AFT OF THE EXHAUST NOZZLE ARE SUBJECT TO SCORCHING AND/OR BURNING FROM HOT GASES. TWO AIRCRAFT SUSTAINED FIRES WHEN GASES LEAKED THROUGH THE SUPPORT STRUCTURE AND INSULATION MATERIALS AND IGNITED THE EDGE PANELS. AIRCRAFT: 55. 27141F ÞΕ F-117A MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: COMPLETE.

PROJEČTED FINANCIAL PLAN	N 00100	٥	7 V - Q	70	FV - 95		F Y : 96	96	FY-97	97	FY-98	86
	QTY Q	AMT	OT Y	AMT	QTY	Ε	OTY	AMT	QTY	AMT	QTY	AMT
	! ! !											
PROCUREMENT (3010) INSTALL KITS		1.0	15	3.5	O	1.1	49	9.9	Ξ	3.0		
KITS NONRECUR EQUIPMENT												
EQUIP NONREC CHANGE ORDERS												
DATA SIM/TRAINER												
SUPPORT-EQUIP												
USTALLATION OF HARDWARE												
FY93 1 KIT			Ê	-	,			(
FY94 15 KITS					(13)	1.2	(5)	? .				
FY95 9 KITS							6 6	0.1				
FY96 19 KITS							(8)	∞.	9	- 2.0	(0)	C*
				1 1 1	1	 	 	; ; ;	(0)	. I	(0)	· 1
TOTAL INSTALL COST	 	 	-	- .	5	1.2	19	2.0	19	2.1	က	ю.
TOTAL COST (BP-1100)	~ -	0	15	3.6	6	2.3	19	5.9	Ξ	5.1		е.
					!							

MONTHS FOLLOW-ON LEAD TIME -- 9 METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY INTIAL LEAD TIME -- 12 MONTHS

	TO COMP TOTAL QTY AMT QTY AMT		. 55 12.5	(1) (15) 1.4 (9) 1.0 (19) 2.0 (11) 1.2	55 5.7	55 18.2	<u>-</u> <u>à</u>		4 ស ស	7:
(CONTINUED)							α ι		FY-97 1 2 3 5 5 4 3 6 4	
							FY-97 FY-98		96 3 4 4 4 55	
	AMT				1 1 1		FY-96		FY-96 4 1 2 3 5 5 4 4 6	
RE EDGES	FY-00 MT QTY						FY-95	1/95 4/95	FY-95 2 3 3 3 4 2	FY-99 2 3
HIGH TEMPERATURE (CONTINUED)	FΥ-99 QTY A	1			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		FY-94	2/94 1/95	4 + 4	4
\mathcal{E}							FY-93	2/93	FY-94 2 3 1	FY-98 2 3
FACT SHEET; F-117 11332 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A		INSTALLATION OF HARDWARE FY93 1 KIT FY94 15 KITS FY96 9 KITS FY96 19 KITS FY97 11 KITS		TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT 4

AIRCRAFT FY 1996 PROGRAM 0F MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC F-117 CLASS P

FY92-95 IPTION/JUSTIFICATION: FUNDS THE CONTINUATION OF EFFORTS INITIATED IN APPN 3010/BP1900. FY92-99 BP1900 FUNDING IS SHOWN FOR INFORMATION ONLY. GPS PROVIDES WORLD-WIDE THREE DIMENTIONAL POSITIONING/MAINTIONAL SATELLITES AND CONTROL NETWORK. SATELLITES BROADCAST HIGH-ACCURACY DATA SIGNALS WHICH ARE RECEIVED BY USER EQUIPMENT AND USED TO COMPUTE PLATFORM POSITIONING/VELOCITY AND PROVIDE STEERING VECTORS TO TARGET LOCATIONS. CONTROL SEGMENT DAILY UPDATES THE NAVIGATION MESSAGES BROADCAST FROM THE 'SATELLITES. GPS IS A DRIVER MOD IN FY97-99 AND DEPOT PROCESSING CHARGES ARE FUNDED. BY THIS MOD IN FY97-99. PE 27141F NAVSTAR GPS, MN-3150 F-117A MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO FY 1996 PRE

NO RISK IS FY95/96 FLIGHT TEST SUPPORTS CLEANUP PHASE ON SOFTWARE. ASSOCIATED WITH THE HARDWARE PROCUREMENT. COMPLETE. DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN	N PRIOR QTY AMT	FY-94 QTY	4 AMT	FY-95 QTY /	95 AMT	FY-96 QTY A	96 AMT	FY-97 QTY	97 AMT	FY-98 QTY	AMT
RDT&E (3600)	48.8	! ! ! ! !	! ! !	 							
PROCUREMENT (3010) INSTALL KITS				19	6.1	19	6.3	12	4.1	ო	-
KITS NONRECUR	19.2	7	4.4	1 (40)	+ c	(14)	0	(12)	<u>,</u>	(3)	4.
EQUIPMENT EQUIP NONREC	1.4	(2)	4.5	$(\frac{1}{2})^2$	† - .	2		ì			
CHANGE ORDERS	000		1.2				2.				
DAIA SIM/TDAINED	1										
SUPPORT - EQUIP			4.				2.5		. 5 - 1		ti ti
DEPOT PROCESS					2.4		l		6.5		ი ი
FLIGHT TEST			5.0				Ċ.				
BP1900 FUNDS	-22.8		-12.5		-10.0						
BP1900 FUNDS					-2.4						
INSTALLATION OF HARDWARE		(÷	3	+						
FY94 2 KITS		(2)	*	Ê	ŧ			(40)	Ċ		
FY95 20 KITS								(81)	2	(40)	4
FY96 19 KITS										2	
FY97 12 KITS											
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	; ; ;	1 1 1 1	1 1	1 1 1	1 1	1 1 1 1 1 1 1	1 1 1	1 1 1 1 1	1 1	1 (
TOTAL INSTALL COST		8		-				19	e.	10	9. 4.
TOTAL COST (BP-1100)		2		20		19	11.6	12	17.5	ო	10.4
METHOD OF IMPLEMENTATION: INSTALLATION INITIAL LEAD TIME	ON: INSTALLATION INITIAL LEAD TIME	ATION		CONTRACTOR	FACILITY		NO-M	EAD TIM	FOLLOW-ON LEAD TIME 21 MONTHS	1 MONTH	<u>s</u>

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ICATION OF AIRCRAFT FY 1996 PROGRAM MODIFICATION DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC F-117 CLASS P 2000 HOUR COATING, MN-31913 MODIFICATION TITLE AND NO FY 1996 PRE

F-117A MODELS OF AIRCRAFT AFFECTED

PE 27141F

DESCRIPTION/JUSTIFICATION: REPLACES THE CURRENT COATING WITH THE 2000 HOUR HIGH TEMPERATURE EXHAUST COATING. THE CURRENT COATING MUST BE REPLACED EVERY 300 HOURS, AND IS EXPENSIVE IN TERMS OF MAINTENANCE HOURS (DEPOT AND 0&I) AND REDUCED PARTS LIFE. AIRCRAFT SURVIVABILITY WILL BE IMPROVED. AIRCRAFT: 55. DEVELOPMENT STATUS: COMPLETE (NO RDT&E ASSOCIATED WITH THIS MOD). ACCELERATED GROUND TESTING BEGAN SEP 93 AND CONTINUED THROUGH APR 94. SELECTED COATINGS FLIGHT TESTED IN DEC 94 WITH RETROFIT PRODUCTION BEGINNING IN FY95.

AMT FY-98 QT۲ AMT FY-97 QΤγ AMT FY-96 QTY AMT FY-95 QΤγ AMT FY-94 ΔT AMT PRIOR QT√ PROJECTED FINANCIAL PLAN

ო 25 25 (6) (18) 24 3 Τ. (16) (24) 24 ი ď 30 30 (8) 2.5 INSTALLATION OF HARDWARE TOTAL COST (BP-1100) RDT&E (3600) N/A TOTAL INSTALL COST PROCUREMENT (3010) SUPPORT-EQUIP MOD OF SPARES FLIGHT TEST CHANGE ORDERS DATA INSTALL KITS KITS NONRECUR FY96 30 KITS FY98 25 KITS EQUIPMENT EQUIP NONREC SIM/TRAINER

FOLLOW-ON LEAD TIME -- 3 MONTHS METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY INITIAL LEAD TIME -- 6 MONTHS

FACT SHEET; F-117 31913 PROJECTED FINANCIAL PLAN		2000 HOUR COATING (CONTINUED)	NG				(CONTINUED)				
		FY-99 QTY AMT	FY-00 MT QTY /	O AMT				10 9TY	TO COMP)TY AMT	TOTAL QTY	AMT
RDT&E (3600) N/A		! I				4.					
PROCUREMENT (3010) INSTALL KITS KITS NONECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA										55 -	
SIM/TRAINER SUPPORT-EQUIP MOD OF SPARES											3.3
FLIGHT 1EST INSTALLATION OF HARDWARE FY96 30 KITS FY98 25 KITS		(7)	*					į	! ! ! !	(30) (25)	- -
TOTAL INSTALL COST		T	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1 1 1 1						ឧ	- .
TOTAL COST (BP-1100)										56	വ
MILESTONES:	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99				_ = =
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	3/94			2/96 1/97		1/98 3/98					
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 1	FY-95 2 3	4	FY-96 2 3	4 - 9 &	FY-97 2 3 6 6 4 6	4 9 9 - 9 9	FY-98 2 3 6 6 6 6	4 0 0			
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 6 OUTPUT 6	FY-99 2 3 1 6	4									*:

*** UNCLASSIFIED

DATE 02/21/95

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CONTROL DISPLAY UNIT REPLACEMENT, MN-31938 CLC F-117 CLASS P DESCRIPTION/JUSTIFICATION: REPLACES THE CURRENT CDU WITH A UNIT THAT WILL BE MORE RELIABLE, MAINTAINABLE, AND OPERATIONALLY ADAPTABLE. THE NEW CDU WILL ENABLE ENTRY OF GPS WAYPOINTS 27141F F-117A MODELS OF AIRCRAFT AFFECTED FY 1996 PRE MODIFICATION TITLE AND NO

RDT&E (3600) N/A

O.OOT MINUTES ACCURACY FOR LATITUDE AND LONGITUDE. THE NEW CDU WILL ENHANCE INTEROPERABILITY WITH ARMY OPERATIONS BY ALLOWING DIRECT UNIVERSAL TRANSVERSE MERCATOR COORDINATE ENTRY. THE CDU WILL ENAHANCE SUPPORTABILITY AND COCKPIT ERGONOMICS BY REDUCING REQUIRED PILOT HEAD AND EYE MOVEMENT AND BY DELETING THE REQUIREMENT TO USE THREE PILOT/AIRCRAFT INTERFACE.	ACCURACY ATIONS BY NCE SUPPO	FOR LA ALLOW RTABIL	TITUDE ING DIR ITY AND REQUIRE	AND LO	NGITUDE. IVERSAL IT ERGON O USE TH	THE N TRANSVE OMICS E REE PIL	JEW CDU WIERSE MERCA SY REDUCIT	CURACY FOR LATITUDE AND LONGITUDE. THE NEW CDU WILL ENHANCE INTIONS BY ALLOWING DIRECT UNIVERSAL TRANSVERSE MERCATOR COORDINATE SE SUPPORTABILITY AND COCKPIT ERGONOMICS BY REDUCING REQUIRED PIL DELETING THE REQUIREMENT TO USE THREE PILOT/AIRCRAFT INTERFACE.	E INTERINATE ED PILOTACE	ROPERAE ENTRY. F HEAD	SILITY THE AND EYE	
DEVELOPMENT STATUS: NONE. NO RDT&E REQUIRED. USES OFF-THE-SHELF TECHNOLOGY.	NONE. NO	RDT&E	REQUIR	ED. U	SES OFF-	THE-SH	ELF TECHNO	LOGY .				
PROJECTED FINANCIAL PLAN	PLAN PRIOR	ñ	FY-94	4	FY-95		FY-96		71	FY-98	98	
	QTY	AMT	OΤΥ	AMT	OTY	AMT (QTY AMT QTY AMT QTY AMT QTY AMT		QIY AMI QIY AMI	! - ! C	A 14 1	
	1 1 1 1 1	11111	1 1 1 1 1 1	1 1 1	1 1 1 1 1 1	1111						

 $\widehat{\Xi}$ 27 (27) 27 2.3 Ξ SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE TOTAL COST (BP-1100) TOTAL INSTALL COST PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA FY96 1 KITS FY97 27 KITS FY98 28 KITS

-- 12 MONTHS FOLLOW-ON LEAD TIME METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY INITIAL LEAD TIME -- 12 MONTHS

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1.3

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28 (28)

1.2

(CONTINUED)

938 CONTROL DISPLAY UNIT REPLACEMENT	
UNIT RE	
DISPLAY	<u> </u>
CONTROL	CONTINUED
31938	PLAN (
F-117	-INANCIAL
FACT SHEET: F-117	PROJECTED FINANCIAL PLAN

	TO COMP TOTAL QTY AMT QTY AMT		55 .2 1 1 .1 1 2.7 1.5	.	(1) (3)			9. 6. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9.		. L	
	FY-00 'Y AMT					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			FY-99		FY-99 4 1 2 3 4 9 9 9 9 1 9 9 5
	FY-99 FY QTY QTY						28	e.		2/97 1/98 2/98 1/99	FY-98 4 1 2 3 9 9 9
אַמַסטטטר דוואַווּסווּטר בייייי		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC	CHANGE ORDERS DATA SIMP TRAINER	INSTALLATION OF HARDWARE FYSE 1 KITS	FY97 27 KITS FY98 28 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES: FY-96	CONTRACT-DATE (QTR/FY): 2/96 DELIVERY-DATE (QTR/FY): 2/97	INSTALLATION SCHEDULE: FY-97 QUARTERS 1 2 3 INPUT 1

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APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE 99S MODIFICATION OF AIRCRAFT FY 1996 PROGRAM SERVICE BULLETINS, MN-99999S FY 1996 PRE MODIFICATION TITLE AND NO DATE 02/21/95

F-117A MODELS OF AIRCRAFT AFFECTED

27141F

AMT DESCRIPTION/JUSTIFICATION: FUNDS THE CONTINUATION OF EFFORTS INITIATED IN APPN 3010/BP1900. THE F-117 IS A CONTRACTOR LOGISTICS SUPPORT AIRCRAFT AND IS MAINTAINED IN ACCORDANCE WITH FAA STANDARDS. SERVICE BULLETINS IMPROVE SAFETY, RELIABILITY, AND MAINTAINABILITY. QTY AMT QΤΥ AMT FY-96 QΤΥ AMT FY-95 01 √ AMT FΥ-94 QTY DEVELOPMENT STATUS: NO RDT&E REQUIRED. AMT PRIOR QTY PROJECTED FINANCIAL PLAN

2.5 INSTALLATION OF HARDWARE RDT&E (3600) N/A PROCUREMENT (3010) SIM/TRAINER SUPPORT-EQUIP AIRCRAFT INSTALL KITS KITS NONRECUR CHANGE ORDERS EQUIP NONREC EQUIPMENT DATA

METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION INITIAL LEAD TIME -- NA MONTHS

TOTAL COST (BP-1100)

TOTAL INSTALL COST

FOLLOW-ON LEAD TIME -- NA MONTHS

6.1

2.5

(CONTINUED)

FACT SHEET; F-117 99999S SERVICE BULLETINS PROJECTED FINANCIAL PLAN (CONTINUED)

AMT FY-00 QΤΥ FY-99 QTY AMT

AMT

AMT

TO COMP QTY AM

TOTAL QTY

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
AIRCRAFT
INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

FY-97 FY-96

FY-98

Fγ-99

10.7

10.7

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APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE 1-99999U MODIFICATION OF AIRCRAFT FY 1996 PROGRAM LOW COST RETROFIT MODS, MN-99999U MODIFICATION TITLE AND NO DATE 02/21/95 FY 1996 PRE

PE 27141F F-117A MODELS OF AIRCRAFT AFFECTED

DEVELOPMENT STATUS: NO RDT&E REQUIRED.

AMT DESCRIPTION/JUSTIFICATION: COMPLETES MISCELLANEOUS LOW COST RETROFIT MODS TO AIRCRAFT COMPONENTS INITIATED IN APPN 3010/BP1900. MODS MUST BE COMPLETED TO CORRECT DEFICIENCIES AND MAINTAIN CONFIGURATION CONTROL. FY-98 QTY AMT FY-97 QTY AMT FY-96 QTY AMT FY-95 QTY AMT Fγ-94 QTY AMT PRIOR PROJECTED FINANCIAL PLAN

3.3 INSTALLATION OF HARDWARE . RDT&E (3600) N/A PROCUREMENT (3010) SIM/TRAINER SUPPORT-EQUIP AIRCRAFT CHANGE ORDERS INSTALL KITS KITS NONRECUR EQUIP NONREC EQUIPMENT

TOTAL INSTALL COST

METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION INITIAL LEAD TIME -- NA MONTHS

TOTAL COST (BP-1100)

FOLLOW-ON LEAD TIME -- NA MONTHS

3.3

3.3

2.6

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FACT SHEET; F-117 99999U LOW COST RETROFIT MODS PROJECTED FINANCIAL PLAN (CONTINUED)

AMT FY-00 QTY A AMT FY-99 QTY AMT

(CONTINUED)

AMT TOTAL QTY AMT TO COMP QTY AM

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
AIRCRAFT
INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

FY-98 FY-97 FY-96

FY-99

_ -

9.2

9.2

CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

89 PAGE

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		BUDG	BUDGET ITEM JUS	JUSTIFICATION				DATE	
			(EXHIBIT P	T P-40)				FEBRUARY 1995	RY 1995
APPROPRIATION/BUDGET ACTIVITY	UDGET ACTIV	ITY		P-1 ITE	P-1 ITEM NOMENCLATURE: A-10	TURE: A-10			
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATI	CUREMENT A	F/AIRCRAFT N	10DIFICATIONS						
		FY 1994	FY 1995	FY 1996	FY 1996 FY 1997 FY 1998	FY 1998	FY1999	FY2000	FY2001
QUANTITY									
COST (In Mil)		\$29.614	\$46.849	\$79.424 \$44.093	\$44.093	\$26.565	\$21.782	\$21.782 \$19.474	\$9.501

delivering a full range of air-to-ground munitions as well as self defense air-to-air missiles. The overall goal of the modifications budgeted in FY96 is to enhance operational capability through the addition of improved communications, navigation, and targeting This line item funds modifications to the A-10 aircraft. The A-10 is a twin engine, single seat, close air support aircraft capable of systems. The specific modifications budgeted and programmed are attached.

PAGE NO.

P-1 SHOPP LIST ITEM NO. 24

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MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

IPTION/JUSTIFICATION: THIS MOD WILL INCORPORATE SEVERAL DESIGN CHANGES TO THE ACCESSORY GEARBOX (AGB) ASSOCIATED WITH UNIT REMOVALS DUE TO JET OIL ANALYSIS PROGRAM (JOAP) REJECTS/BEARING FAILURES. THE INCORPORATION OF THESE DESIGN FIXES WILL EXTEND THE USEFUL LIFE OF THE AGB AND REDUCE THE EXISTING MAINTENANCE EXPENSE ASSOCIATED WITH THE HIGH REMOVAL RATE. THESE CHANGES WILL SIGNIFICANTLY IMPROVE FLIGHT SAFETY AND ENGINE RELIABILITY AND WILL INCREASE MEAN TIME BETWEEN FAILURES FROM 3482 TO 23,021 HRS. AC: 103 ANG: 66 AFRES; 214 ACTIVE. 383 A/C x 2 ENGINES = 766 + 126 SPARES ENGINES + 55 SPARE GEARBOXES = 947. APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE TF34 AGB LIFE IMPROVEMENT, MN-18202B CLC A-10 CLASS P 27131F PE A-10A MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: FY 1996 PRE MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: NO RDT&E ASSOCIATED WITH THIS MOD.

PROJECTED FINANCIAL PU	PLAN PRIOR QTY AMT	FY-94 QTY AMT	FY-95 QTY A	Ε	FY-96 QTY AMT	96 AMT	FY-97 QTY A	97 AMT	FY-98 QTY /	98 AMT
RDT&E (3600) N/A	! ! ! ! ! ! ! !	t 1								
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR			141	2.	176	ů.	172	რ.	156	4
EQUIP NONREC CHANGE ORDERS DATA						₹.				
SIM/TRAINER SUPPORT-EQUIP					(10)	*	(10)	*	(10)	*
INSTALLATION OF HARDWAR FY95 141 KITS	ш				(141)	1.6	1	Ċ		
FY96 176 KITS FY97 172 KITS							(176)	2.0	(172)	2.0
FY99 138 KITS FY90 164 KITS			1	!	! ! ! !	 	! ! ! !	 	! ! !	1 1 1
TOTAL INSTALL COST	1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 1		141	1.6	1.6 176	2.0	2.0 172	2.0
TOTAL COST (BP-1100)			141	2.	176	2.0	172	2.3	156	2.2
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT INITIAL LEAD TIME 12 MONTHS	ION: INSTA INITIAL LE	LLATION DEPO AD TIME 12 M	T ONTHS		FOLLO	FOLLOW-ON LEAD TIME 12 MONTHS	EAD TIM	E 13	2 MONTH	v

AMT

TOTAL QTY

AMT

TO COMP QTY AM

947

FACT SHEET; A-10 18202B TF34 AGB LIFE IMPROVEMENT PROJECTED FINANCIAL PLAN (CONTINUED))2B TF34 (CONTIN	AGB LIFE NUED)	IMPRO	VEMENT				(CONTINUED)	
		FY-99 QTY	AMT	FY-00 QTY A	AMT				•
RDT&E (3600) N/A		 							
OCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC		138	G	164	ä				
		(10)	*	* (84)	*				
FY96 176 KITS FY97 172 KITS FY98 156 KITS FY99 138 KITS		(156)	2.0	(138)	.				
TOTAL INSTALL COST		156	2.0	138	1.8				
TOTAL COST (BP-1100)		138	2.2	164	2.0				
MILESTONES:	F'Y-95	FY-96	F	FY-97	FY-98	FY-99	FY-00	FY-01	
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	1/95	1/96	->	1/97	1/98	1/99	1/00		

141) 176) 172) 156) 138) 164)

2.4(2.4

(164)

164

13.3

947

2.4

36 36

e 44

- 4 4 - 4 4

FY-96 2 44 4 41 4

INSTALLATION SCHEDULE:
QUARTERS 1
INPUT 9
OUTPUT 1

FY-01 2 41 41

33 33

FY-00 2 36 36 36

INSTALLATION SCHEDULE:
QUARTERS 1
INPUT 36
OUTPUT 36

FY-98 2 44 44

OF AIRCRAFT

MODIFICATION DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC A-10 CLASS P FY 1996 PROGRAM

MODIFICATION TITLE AND NO

IDTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) PROVIDES WORLDWIDE THREE-DIMENTIONAL POSITIONING/NAVIGATION FOR MILITARY AIRCRAFT. THE SYSTEM IS COMPOSED OF THREE SEGMENTS; USER EQUIPMENT, SATELLITES AND CONTROL NETWORK. SATELLITES BROADCAST HIGH-ACCURACY SEGMENTS; USER EQUIPMENT, SATELLITES AND CONTROL NETWORK. SATELLITES BROADCAST HIGH-ACCURACY BROADCAST HIGH-ACCURACY OF TO TARGET LOCATIONS. CONTROL SEGMENT DAILY UPDATES THE NAVIGATION MESSAGES BROADCAST FROM THE SATELLITES. THE A-10 GPS AND A-10 INTEGRATED DATA MODEM (MN# 3441) ARE INTERRELATED/CODEPENDENT MODIFICATIONS. AIRCRAFT 103 ANG; 63 AFR AND 213 ACTIVE. LEADTIME FOR FIRST THREE KITS REDUCED BECAUSE ASSETS WERE LOANED FROM GPS JOINT PRGM OFFICE. 27131F CLC A-10 ΡE NAVSTAR GPS, MN-3150 A-10A/DA-10 MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: FY 1996 PRE

OPERATIONAL ASSESSMENT COMPLETED IN AUG 94 DEVELOPMENT STATUS:

PRIOR QTY A		oty QTY	AMT	, γτο	AMT	%_	AMT	QTY	AMT	QTY	AMT
1	. 7.	t 1 1	 	' 		 					
	1		C	č	ť		7	103	α 4	36	1.2
0	2.7	Ξ		96	- c		1. C	3] : :
	9.6		4.0	(107)	7.0		21.0		17.3	(36)	6.1
	4. x	(11)	o. -	(34)							
	9.				I		•		- .		ď
	2.9		ر ت		.7		- .				?
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	3.9		- . c		υ.		9.0		Ť.		
			Ņ								
					7.		?		-		-
									•		•
,	(
2)						()	*	(10)	IC.		
						=		(14)	. 10	(80)	3.6
										(24)	1.1
										,	
		! ! !	1 1	! ! ! !	1 1 1	! ! !	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1 1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	! ! ! !	1 1 1 1
1 2	7.					-		24	1.0	104	4.7
	7.10	Ξ	6.8	94	25.8	133	27.5	103	22.3	36	12.4
METHOD OF IMPLEMENTATION: INST	FALLA.	NOI	- DEPOT	/FIELD	TEAM	- 10	NO-W	AD TIN	IE 28	3 MONT	12
	A A A A A A A A A A A A A A A A A A A	410K AMT 7.7.7.7.8.8.9.9.9.7.9.9.9.9.9.9.9.9.9.9.	2 2.7 11 5.6 (11) 1.6 (11) 3.9 3.9 2.7 17 17 17 17 17 17 17 17 17 17 17 17 17	AMT QTY AMT QTY 7.7 11.6 4.8 (11) 1.6 2.9 3.9 3.9 2.2.1.7 1.8 1.NSTALLATION 1.10STALLATION 1.10S	AMT OTY AMT OTY 5.6 4.8 (11) 1.6 2.9 3.9 3.9 3.9 2.2 2.2 2.2 2.2 2.2 2.2 3.9	2 2.7 11 .3 94 .7.95	SIOR FV-94 FY-95 AMT QTY AMT CTY 2 2.7 11 .3 94 3.1 5.5 6.2 4.8 (11) 1.8 (94) 14.9 (2.9 1.6 1.52 3.9152 2 21.7 11 6.8 94 25.8 INSTALLATION DEPOT/FIELD TEAM INSTALLATION DEPOT/FIELD TEAM INSTALLATION DEPOT/FIELD TEAM INSTALLATION DEPOT/FIELD TEAM	SIOR FV-94 FY-95 AMT QTY AMT CTY 2 2.7 11 3 94 3.1 5 5.5 5.8 1 10. 1	AMT QTY AMT QT		

MONTHS ო INITIAL LEAD TIME

(CONTINUED)					FY-98
3					FY-97
					FΥ-96
	AMT		.	4.4 6.1 7.0 7.0 8.3	FY-95
	FY-00 QTY A			(92) (22) 	FY-94
	TW1	0°.	₹.	8 5 5 5 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6	FY

4.7

14.9 14.4 66.8

379

AMT

OΤV

AMT

TO COMP QTY AM

FY-99 QTY A

(CONTINUED)

FACT SHEET; A-10 3150 PROJECTED FINANCIAL PLAN

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT

EQUIP NONREC CHANGE ORDERS DATA

SIM/TRAINER SUPPORT-EQUIP

ICS

RDT&E (3600)

TOTAL

5.5 6.1 4.0

94) 133) 103) 36)

7.

(14)

131.3

379

7

FY-01

FY-00

FY-99

2/98

2/97 4/99

2/96 4/98

2/95 4/97

2/94 2/96

4/92 1/93

CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

FY-93

FY-92

120

TOTAL COST (BP-1100) TOTAL INSTALL COST

MILESTONES:

(109)

FLIGHT TEST
MOD_OF SPARES
INSTALLATION OF HARDWARE
FY92 2 KITS
FY94 11 KITS
FY95 94 KITS
FY96 133 KITS
FY96 133 KITS
FY98 36 KITS

FY-96

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INSTALLATION SCHEDULE:
QUARTERS 1
INPUT 1

FΥ-93 2

FY-94

FY-95 7 4 21

FY-99

FY-98

FY-97 20

33

333

33

32 24 24

1 24 16

4 6 0

8 W B

INSTALLATION SCHEDULE:
QUARTERS
1
INPUT
OUTPUT

FY-01

14 14 32

32 28

3 28 27

27 27

INSTALLATION SCHEDULE:
QUARTERS
1
INPUT 27
OUTPUT 21

FY-00

72 PAGE

9 30

* *** UNCLASSIFIED

OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

A/B SINCGARS AJ COMM, MN-3429

IPTION/JUSTIFICATION: IMPROVES A-10 CLOSE AIR SUPPORT (CAS) CAPABILITY. SINCGARS IS A JAM RESISTANT RADIO THAT REPLACES THE ARC-186 FM RADIO ON ALL CAS AIRCRAFT. THIS EFFORT PROCURES THE ANTENNA AND GROUP A FOR THE A-10. ELECTRONIC SYSTEMS CENTER (ESC) IS ON CONTRACT FOR THE DEVELOPMENTAL EFFORT AND PROCUREMENT OF THE SINCGARS RADIOS. APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC A-10 CLASS P 27131F CLC A-10 PE ALL MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO FY 1996 PRE

DPMENT STATUS: ESC CONTRACT FOR THE SINCGARS RADIO IS IN THE DEVELOPMENT PHASE. THE A-10 PLATFORM WILL BE UTILIZED TO PERFORM INITIAL FLIGHT TESTING OF THE SINCGARS RADIO. THE ECS FLIGHT TEST INSTALLATION IS CONSIDERED A TRIAL INSTALLATION AND WILL BE DOCUMENTED WITH A TEMPORARY MODIFICATION PACKAGE. THE TEST AIRCRAFT WILL BE DEMODIFIED UPON COMPLETION OF THE TEST PROGRAM. A/C: ACTIVE 213, ANG 103, AFRES 63 = 379 DEVELOPMENT STATUS:

PROJECTED FINANCIAL		0	1 V I	70.	FV - 95	ឆ្ន	FY-96	96	FY-97	97	FY-98	86	
		としてより	-	1	-	,	į	!	;	1000	7	TWV	
	\TC	ΔMT	OΤΥ	ΔMΤ	ΔTΥ	ΔMΤ	ΔŢ	AM-	<u>-</u>	AM	- - -	OTV ANT OTY ANT OTY AMT OTY AMI OIL AMI	
	- 1 - 1 - 1			1	1 1	1 1 1 1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	 	1 1 1	1 1 1 1 1	 		

(131) ď (5)D. Ξ RDT&E (3600) N/A PROCUREMENT (3010) INSTALL KITS KITS NONRECUR SUPPORT-EQUIP CHANGE ORDERS EQUIP NONREC SIM/TRAINER EQUIPMENT SOFTWARE DATA

1.2

9.

131

(32)131 4 2 N ٠. TOTAL COST (BP-1100) TOTAL INSTALL COST 103 KITS 104 KITS KITS FY98 131 KITS F Y 99 FY00 FY01 FY96

9. 2.4

32

9

(5)

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INSTALLATION OF HARDWARE

FLIGHT TEST

1 KIT

FY95

-- 08 MONTHS FOLLOW-ON LEAD TIME -- DEPOT/FIELD TEAM -- OB MONTHS METHOD OF IMPLEMENTATION: INSTALLATION INITIAL LEAD TIME

AIRCRAFT FY 1996 PROGRAM OF MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC A-10 CLASS P CLC A-10

> IDM, MN-3441 FY 1996 PRE MODIFICATION TITLE AND NO

FORWARD AIR CONTROL MISSION AND ENHANCE PERFORMANCE IN LOW INTENSITY CONFLICTS. THE IMPROVED FORWARD AIR CONTROL MISSION AND ENHANCE PERFORMANCE IN LOW INTENSITY CONFLICTS. THE IMPROVED DATA MODEM (IDM) INTERFACES WITH EXISTING ACFT RADIOS AND PROVIDES A FAST, RELIABLE TRANSFER OF TARGET INFO IN DIGITAL FORMAT. IDM SYSTEMS WILL BE FIELDED IN ALL ELEMENTS OF THE TACTICAL AIR CONTROL SYS. THE IDM SIGNIFICANTLY IMPROVES MISSION EFFECTIVENESS BY IMPROVING THE RELIABILITY AND TRANSMISSION SPEED OF INFO. DATA WILL BE MORE JAM RESISTANT. EXPOSURE TIME AND COCKPIT TASKS WILL BE REDUCED THEREBY IMPROVING SURVIVABILITY. A/C:103 ANG, 63 AFRES, 211 ACTIVE. TWO A/C MODIFIED WITH R&D FUNDS. 377 A/C MODIFIED WITH 3010 FUNDS. 27131F PE A/0A-10 MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION:

OPERATIONAL ASSESSMENT COMPLETED AUG 94. DEVELOPMENT STATUS:

13.0 11		PRI 0TY	PRIOR Y AMT	FY-94 QTY	ΔMT	FY-95 QTY AN	<u> </u>	FY-96 QTY AN	⊨	QTY AN	T	QTY AN	AMT
ARE 11	RDT&E (3600)	1 1 1	13.0		:	1 1 1	1 1 1 1 1	! ! !	[]]] 	 	 		· :
ARE 11	POCCEPEMENT (3010)											Ċ	•
ARE (11) 2.9 9.6 (133) 13.0 (103) 10.3 (36) .1	INSTALL KITS			=	4.	94	3.5	133	4 .3	103	3.4	36	7.
ARE 1.8 2.8 2.8 2.8 2.8 3.5 3.7 4. (80) (14) 3.6 (10) 3.7 (14) 3.7 (14) 3.8 (15) 3.8 (15) 3.8 (17) 4. (80) (18) 4. (10) 4.	KITS NONRECUR				9.9	(10)	2.0		ָה קי	_	Ç.		8
ARE 1.8 2.8 2.8 2.8 2.8 3.5 3.7 (1) 1.1(10) 3.4(80) (24) (11 6.9 94 19.5 133 18.6 103 14.5 36 ATION: INSTALLATION DEPOT TINTIAL LEAD TIME 28 MONTHS	EQUIPMENT			(33)	-	(94)	9		2	-	2		
ARE 2.8 2.8 2.8 3.2 3.5 3.6 40.5 40.5 41.0 4	EQUIP NONREC										- .		
ARE .2 .2 .2 .5 .5 .5 .6 .1 .1 (10) .3 (80) (124) .1 .1 (10) .3 (80) (11) .1 (10) .3 (124) .4 .7 .104	CHANGE ORDERS				1.8		7.		*				е.
ARE 1.2 1.2 1.5 1.5 1.6 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	SIM/TRAINER											•	
ARE . (1) . 1 (10) . 3 (80) . (1) . 1 (10) . 3 (80) . (24) . (1) . 1 . 24 7 . 104 ATION: INSTALLATION DEPOT TOTALLATIAL LEAD TIME 23 MONTHS FOLLOW-ON LEAD TIME 28 MONTHS	SUPPORT-FOUTP						2.8		,		,		
ARE (1) .1 (10) .3 (80) (14) .4 (80) (24)	100				7				7 1				
ARE (14) .1 (10) .3 (80) (24)	FLIGHT TEST				5		r.		υ.				
(14) (14) (14) (14) (14) (14) (14) (14)	NSTALLATION OF HARDWAR	ш						()	-	(10)	c		
(24) 	FY94 11 KITS								-		. 4	(80)	2.4
11 6.9 94 19.5 133 18.6 103 14.5 36 ATION: INSTALLATION DEPOT TNITIAL LEAD TIME 23 MONTHS TNITIAL LEAD TIME 28 MONTHS	FY95 94 KITS											(24)	8
11 6.9 94 19.5 133 18.6 103 14.5 36 ATION: INSTALLATION DEPOT INITIAL LEAD TIME 23 MONTHS TAILING LEAD TIME 28 MONTHS	FY96 133 KITS											1	
TOW: INSTALLATION DEPOT FOLLOW-ON LEAD TIME 28 MONTHS	FY97 103 KITS												
6.9 94 19.5 133 18.6 103 14.5 36 DEPOT 23 MONTHS FOLLOW-ON LEAD TIME 28 MONTHS	FY98 36 KITS		1	1	1	1 1 1 1	1 1	1 1	1 1 1 1 1 1 1	1 1	1 1 1	1 1 1	1 1 1
6.9 94 19.5 133 18.6 103 14.5 36 DEPOT 23 MONTHS FOLLOW-ON LEAD TIME 28 MONTHS	TOTAL INSTALL COST	1 						-	Τ.	24	7.	104	3.2
DEPOT 23 MONTHS	TOTAL COST (BP-1100)			Ξ	6.9	94					14.5		8.5
	METHOD OF IMPLEMENTAT	ION:	INSTALL/	ATION		NTHS		FOLL	JW-ON L	EAD TI	1E 28	3 MONT	45

IDM (CONTINUED)

FACT SHEET; A-10 3441 PROJECTED FINANCIAL PLAN

(CONTINUED)

	LW V			4.0	7.0
TOTAL	TMA VTO TMA VTO	-			
TO COMP	LWY	ī	1 1 1 1 1		
T0	>±0	- - 3	1 1 2 1		
9	?	OTV AMT OTY AMT		; ! !	
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9	- 33	ΔMT		[[] []	
ì		ΛLO	,		

32 28

3 28 27

INSTALLATION SCHEDULE:
QUARTERS 1
INPUT 27
OUTPUT 21

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE :M LIGHTING, MN-7092 CLC A-10 CLASS P NIGHT VISION IMAGING SYSTEM LIGHTING, MN-7092 FY 1996 PRE

ALL

IPTION/JUSTIFICATION: IMPROVES A-10 CLOSE-AIR SUPPORT CAPABILITY AND RESPONDS TO DESERT SHIELD/STORM DEFICIENCIES. REVISES COCKPIT AND EXTERIOR LIGHTING TO ALLOW PILOT TO WEAR NIGHT VISION GOGGLES (NVIS TYPE 2, CLASS A REQUIREMENT). THIS WILL BE ACCOMPLISHED THROUGH A COMBINATION OF INTERNAL LIGHTING MODIFICATION, BEZEL FLOOD LIGHTING, FILTERS AND REPLACEMENT OFFRONT WINDSCREEN. MOD PREVIOUSLY TITLED "NIGHT ATTACK CAPABILITIES". MOD RENAMED BECAUSE A/B SINGARS (A-10 MN# 3429), INTEGRATED DATA MODEM (MN# 3441), AND NAVSTAR GPS (A-10 MN# 3150) ARE ALSO REQUIRED TO PROVIDE FULL A-10 NIGHT ATTACK CAPABILITY. 108 ANG, 66 AFR, 211 ACTIVE. 27131F ΡĒ MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: COMPLETE.

PROJECTED FINANCIAL PLAN	'N PRIOR QTY AMT	FY-94	TM.	FY-95 QTY AM	JS AMT	FΥ-96 QTΥ A	96 AMT	FY-97 QTY A	7 AMT	FY-98 QTY /	8 AMT
RDT&E (3600) N/A	1 1 1 1 1 1	1	 	! ! ! !	!	 	; ; ; ;] 		i I
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR		213	213 10.4 2 .5		α	131	8	33	2.2		
EQUIPMENT EQUIP NONREC CHANGE ORDERS			4.5) - .						
DAIA SIM/TRAINER SUPPORT-EQUIP			*		8						
MOD OF SPARES INSTALLATION OF HARDWARE			თ.		1.2						
FY94 215 KITS FY96 131 KITS FY96 131 KITS		(2)		.2 (213)	4 8.			(131)	2.4	(33)	9.
TOTAL INSTALL COST		2	. 2	213	4.8	 	1 1 1 1 1	131	2.4	33	9.
TOTAL COST (BP-1100)		215	14.4		7.1	131	8.1	33	4.6		9.
METHOD OF IMPLEMENTATION: INSTALLATION COMBINATION INITIAL LEAD TIME 8 MONTHS	: INST	ON: INSTALLATION INITIAL LEAD TIME	COMB:	COMBINATION 8 MONTHS		FOLLC	W-ON LE	AD TIME) -	FOLLOW-ON LEAD TIME 10 MONTHS	

	TO COMP TOTAL OTY AN		377	(215) (131) (33)	379	379				
(CONTINUED)									FY-97 4 1 2 3 4 32 33 33 33 32 33 33 33	
NIGHT VISION IMAGING SYSTEM LIGHTING ONTINUED)	FY-99 FY-00 QTY AMT QTY AMT					,	FY-95 FY-96 FY-97 FY-98	1/96 1/97 1/97 · 1/98	FY-95 FY-96 4 1 2 3 4 1 2 3 4 2 53 53 53 54 2 53 53 53 54	
FACT SHEET; A-10 7092 NIGHT VI PROJECTED FINANCIAL PLAN (CONTINUED	1	RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE, ORDERS DATA SIM/TRAINER SUPPORT-EQUIP	INSTALLATION OF HARDWARE FY94 215 KITS FY96 131 KITS FY97 33 KITS		TOTAL COST (BP-1100)	MILESTONES: FY-94	CONTRACT-DATE (QTR/FY): 2/94 DELIVERY-DATE (QTR/FY): 4/94	INSTALLATION SCHEDULE: FY-94 QUARTERS 1 2 3 INPUT OUTPUT	INSTALLATION SCHEDULE: FY-98 QUARTERS 1 2 3 INPUT 33 OUTPUT 33

5.0 2.4 6.0 8.0

2.1

2.4

AMT

* * *** UNCLASSIFIED

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE REGENERATION OF A-10S, MN-7093 DESCRIPTION/JUSTIFICATION: REGENERATION OF A-10'S IS REQUIRED TO RELIEVE INVENTORY SHORTFALLS.
A-10'S WILL BE REGENERATED FROM THE AEROSPACE AND MAINTENANCE AND REGENERATION CENTER (AMARC)
AT DAVIS MONTHAN AFB, AZ. AIRCRAFT WILL BE MODIFIED TO THE CURRENT CONFIGURATION
BASELINE. MODIFICATIONS INCLUDE LASTE, COCKPIT AIR REDISTRIBUTION, FUEL FOAM,
ELECTROLUMINESCENT LIGHTING, AERP, OUTER WING SPAR AND OTHERS. AIRCRAFT: 5 ANG; 5 AFR; PE 27131F MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: NO RDT&E REQUIRED

	AMT QTY AMT QTY AMT QTY AMT Q		20 19.6							(90) 2.2	20 2.2	20 22.5	NSTALLATION DEPOT I LEAD TIME NA MONTHS FOLLOW-ON LEAD TIME NA MONTHS
PROJECTED FINANCIAL PLAN	PRIOR QTY.	RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS	KITS NONRECUR FOLIPMENT	EQUIP NONREC	CHANGE ORDERS	DATA	SIM/TRAINER	SUPPORT-EQUIP	INSTALLATION OF HARDWARE	TOTAL INSTALL COST	TOTAL COST (BP-1100)	METHOD OF IMPLEMENTATION: INSTALLATION DEPOT

	TO COMP TOTAL QTY AMT QTY AMT		20 19.6	(20) 2.2	2.2	20 22.5			
(CONTINUED)									
REGENERATION OF A-10S (CONTINUED)	FY-99 FY-OO QTY AMT QTY AMT						10		FY-97 3 4 1 2 3 4 10 10 10 10
FACT SHEET; A-10 7093 R PROJECTED FINANCIAL PLAN (CO		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER	SUPPORT-EQUIP INSTALLATION OF HARDWARE FY96 20 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES: FY-96	CONTRACT-DATE (QTR/FY): 2/96 DELIVERY-DATE (QTR/FY): 3/96	INSTALLATION SCHEDULE: FY-96 QUARTERS 1 2 INPUT OUTPUT

UNCLASSIFIED

		BUDGET ITEM (EXHIB	BUDGET ITEM JUSTIFI (EXHIBIT P-40)	JUSTIFICATION 3IT P-40)				DATE FEBRUARY 1995	RY 1995
PPROPRIATION/BUDGET ACTIVITY	GET ACTIVI	ΤY			P-1 ITEM NOMENCLATURE: F/RF-4	TURE: F/RF-4			
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICAL	JREMENT A	-/AIRCRAFI M	DDIFICATIONS						
		FY 1994	FY 1995	FY 1996	FY 1997	FY 1994 FY 1995 FY 1996 FY 1997 FY 1998 FY1999	FY1999	FY2000 FY2001	FY2001
QUANTITY									
COST (In Mil)		\$.043	\$1.624 \$.061		\$.136	\$0.000	\$0.000	\$0.000 \$0.000 \$0.000	\$0.000

reconnaissance and suppression of enemy aircraft defense missions. The overall goal of the modifications budgeted in FY96 is This line item funds modifications to the F-4 aircraft. The F/RF-4 is a twin engine, two seat aircraft which performs tactical to improve reliability and maintainability. The specific modifications budgeted and programmed are attached.

PAGE NO.	
P-1 SHOPP LIST ITEM NO. 25	

195

UNCLASSIFIED

* * *** UNCLASSIFIED

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM DATE 02/21/95

E0-LOROPS, MN-3219 FY 1996 PRE MODIFICATION TITLE AND NO

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC F/RF-4 CLASS P

DESCRIPTION/JUSTIFICATION: THE RF-4C WILL BE EQUIPPED WITH A HIGH RESOLUTION ELECTRO OPTICAL LONG RANGE OBLIQUE PHOTOGRAPHIC (EO LOROP) CAPABILITY USING A MINIMUM 66 INCH FOCAL LENGTH CAMERA. THIS ADDED CAPABILITY WILL PROVIDE BETTER OPTICAL DATA AS WELL AS IMPROVE THE SURVIVABILITY OF THE AIRCRAFT. THIS WILL BE AN ELECTRICAL OPTICAL CAMERA. THE CAMERAS WILL BE MOVED BETWEEN AIRCRAFT AS REQUIRED. 90 MOD INSTALL: FY 94 0.120 27128F PE RF-4C MODELS OF AIRCRAFT AFFECTED

	RES; O ACTIVE	AN PRIOR FY-94 FY-95 FY-96 FY-97 FY-98 GTY AMT QTY AMT
AIRCRAFI AS REGUIREU. 90 MUD INSTALL: FT 94 0.120	COMPLETE: AIRCRAFT BREAKOUT: 12 ANG; O AFRES; O ACTIVE	R FY-94 FY-95 AMT QTY AMT QTY AMT Q
AIRCKAFI AS REGUIRED. SI	DEVELOPMENT STATUS: COMPLETE:	PROJECTED FINANCIAL PLAN PRIOR QTY

										. 2		.2	31
										(8)			- ORG/INTERMEDIA
	22 1.5	2 2.1	25.5	5.5		1.8		3.4				24 39.8	4: INSTALLATION
PROCUREMENT (3010)	INSTALL KITS	KITS NONRECUR	EQUIPMENT	EQUIP NONREC	CHÁNGE ORDERS	DATA	SIM/TRAINER	SUPPORT-EQUIP	INSTALLATION OF HARDWARE	FY90 8 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	METHOD OF IMPLEMENTATION: INSTALLATION ORG/INTERMEDIATE

FOLLOW-ON LEAD TIME -- 33 MONTHS INITIAL LEAD TIME -- 24 MONTHS

- <u>:</u>

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

(CONTINUED)

	AMT		1.5 25.5 5.5	1.8	3.4	2 : : :		40.0	٠	_ _
	TOTAL QTY /		22 .			(8)	œ	24	FY-97	
	TO COMP QTY AMT					1			FY-96	
	01 QTY 					i			FY-95	
(CONTINUED)									FY-94	
									FY - 93	
									FY-92	
	-00 AMT						1 1 1 1		F Y - 9 1	
	FY-00 AMT QTY AM						! ! ! !		FY-90	-
EO-LOROPS ONTINUED)	FY-99 QTY A						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		FY-89	:
9									FY-88	2/88 4/94
FACT SHEET; F/RF-4 3219 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	CHANGE ORDERS	SIM/TRAINER	INSTALLATION OF HARDWARE	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

UNCLASSIFIED

		BODGE	BUDGET ITEM JUS	JUSTIFICATION	_			DATE FEBRUARY 1995	RY 1995
			(EXHIBII P-40)	-40)					
APPROPRIATION/BUDGET ACTIVITY	DGET ACTIVIT	≻		P-1 ITE	P-1 ITEM NOMENCLATURE: F-15	TURE: F-15			
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATI	UREMENT AF/	AIRCRAFT M	ODIFICATIONS	•					
		FY 1994	FY 1995	FY 1996	15 FY 1996 FY 1997 FY 1998	FY 1998	FY1999	FY2000	FY2001
QUANTITY									
COST (In Mil)		\$264.925	\$184.793	\$79.488	\$143.051	\$241.222	\$316.619	\$264.925 \$184.793 \$79.488 \$143.051 \$241.222 \$316.619 \$308.732 \$313.408	\$313.408

day/night, air-superiority fighter. The F-15E is a twin engine, two seat, supersonic dual-role, day/night, all-weather, deep interdiction fighter with multi-role air-to-air capabilities. The overall goal of the modifications budgeted in FY96 is to enhance This line item funds modifications to the F-15 aircraft. The F-15A/B/C/D is a twin engine, single seat, supersonic, all-weather, flight safety while improving reliability and maintainability. The specific modifications budgeted and programmed are attached.

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PAGE NO.

P-1 SHOPP LIST ITEM NO. 26 UNCLASSIFIED

*** UNCLASSIFIED ***

AIRCRAFT FY 1996 PROGRAM OF. MODIFICATION

DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE ION, MN-13639A

F-15

CLASS P-S DESCRIPTION/JUSTIFICATION: PROVIDES A FIRE DETECTION SYSTEM FOR THE ENGINE AFTERBURNER SECTION OF THE F-15 ACFT. DURING THE PAST FEW YEARS, THE F-15 FLEET HAS EXPERIENCED 42 FIRES IN THE AFTERBURNER SECTION. THE FIRES WERE NOT DETECTED IN FLIGHT BY PILOTS BECAUSE THERE IS NO DETECTION SYSTEM IN THIS SECTION OF THE ENGINE BAY. AFTERBURNER SECTION IS SEPARATED FROM, THE STABILATOR ACTUATOR ONLY BY ACFT SKIN. LOSS OF STABILATOR ACTUATOR WOULD RESULT IN LOSS OF FLIGHT CONTROL. A FIRE DETECTION SYSTEM WILL PROVIDE THE PILOT WITH SUFFICIENT WARNING TO EXTINQUISH THE FIRE PRIOR TO CATASTROPHIC DAMAGE TO THE AIRCRAFT. 27 130F PE AFT ENGINE BAY FIRE DETECTION, MN-13639A MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO FY 1996 PRE

NO FLIGHT TEST DPMENT STATUS: ECP 1851: AUG 85. CCB APR 86. MIP WRFAA840099. IREQUIRED. (AIRCRAFT BREAKOUT: 117 ANG; O AFRES; AND 390 ACTIVE). DEVELOPMENT STATUS: ECP 1851: AUG 85. CCB APR 86.

AMT QTY AMT FY-97 QTY AMT FY-96 Q٦٧ AMT FY-95 ٥T AMT FY-94 ΩTγ AMT PRIOR QTY PROJECTED FINANCIAL PLAN

RDT&E (3600) N/A

ω ω ∞. (46) 46 4. 4. 113 METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM 46 46 28 MONTHS ا 5 ر ج INITIAL LEAD TIME --113 113 12.5 6.5 4. 3.55 9.55 1.2 411 411 409 313) 98) INSTALLATION OF HARDWARE TOTAL COST (BP-1100) TOTAL INSTALL COST PROCUREMENT (3010) FY90 313 KITS SUPPORT-EQUIP TRAINER KITS KITS NONRECUR CHANGE ORDERS FY94 113 KITS INSTALL KITS EQUIP NONREC FY93 98 KITS FY95 46 KITS SIM/TRAINER EQUIPMENT DATA

14 MONTHS 1 FOLLOW-ON LEAD TIME (CONTINUED)

13639A AFT ENGINE BAY FIRE DETECTION	IUED)
AFT E	(CONTINUED
13639A	PLAN
F-15	PROJECTED FINANCIAL PLAN
FACT SHEET; F-15	ECTED F
FACT	PROJE

		FY-99 QTY AN	FY-OO AMT QTY	OO AMT				TO TO	COMP	TOTAL QTY	AMT '
RDT&E (3600) N/A) 									
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT FOUTP NONREC										568 2	7.8
S G											
INSTALLATION OF HARDWARE FYSO 313 KITS FYS3 98 KITS FYS4 113 KITS FYS5 46 KITS										ოთოთ	1. 1. 5. 4. 8.
		1 1 1 1 1 1 1 1 1		l 				 	! ! ! !	570	3.4
TOTAL COST (BP-1100)										570	16.9
MILESTONES:	FY-88	FY-89	FY-90	FY-91	FY-93	FY-94	FY-95	FY-96	FY-97		
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	2/90 4/91	4/90 3/92	4/90 3/92	4/90 3/92	4/93 1/95	4/94 1/96	1/95 2/96				
INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	FY-90 2 3	4++	FY-91 2 3	4	FY-92 2 3 5	4 1 20 48 5 20	FY-93 2 3 48 48 48 48	4 47 48			
INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT 47	FY-94 2 3 20 20 20 20	4 1 19 29 20 19	FY-95 2 3 29 29 29 29	4 4 26 29 26	FY-96 2 3 29 29 29 29	4 26 29					
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 24 OUTPUT 26	FY-97 2 3 22 24 22	4	FY-98 2 3	4							

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE HIGH PRESSURE WATER SEPARATOR, MN-13647B CLASS P DESCRIPTION/JUSTIFICATION: WILL IMPROVE THE COOLING OF THE ENVIRONMENTAL CONTROL SYSTEM (ECS) BY REPLACING THE PRIMARY AND CABIN WATER SEPARATOR WITH A HIGH PRESSURE WATER SEPARATOR; DRY AIR CAN BE PROVIDED AT COLDER TEMPERATURES. THE INCREASED COOLING WILL PROVIDE A 40% INCREASE IN RELIABILITY OF AVIONICS LINE REPLACEABLE UNITS (LRUS). A RETROFIT MOD. PE 27130F F-15 C/D MODELS OF AIRCRAFT AFFECTED FY 1996 PRE MODIFICATION TITLE AND NO

CCB: MAY 87. NO FLIGHT TEST REQUIRED. ACFT (43 RECEIVED MOD DURING PRODUCTION). DEVELOPMENT STATUS: ECP FROM MCAIR 30 NOV 85. BREAKOUT: 0 ANG: 0 AFRES: 412 ACTIVE.

RDT&E (3600) N/A

11.6				2.4	1 1 1	2.4	14.0	
83				(62)	 	62	83	MONTHS
7.3					! ! ! !		7.3	24
57							57	D TIME
0.8					i ! !		8.0	ON LEA
62					1 1 1 1 1		62	FOLLOW-ON LEAD TIME 24 MONTHS
					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			- DEPOT - 21 MONTHS
22.8	1.7	9.0	!	1.9 3.8	1 1 1 1 1 1 1	5.7	32.1	INSTALLATION - AL LEAD TIME -
162				62) 98)	 	162	. 162	ON: INITI
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER	SUPPORT - EQUIP MOD OF SPARES	INSTALLATION OF HARDWARE FY9O 2 KITS	FY92 62 KITS (FY93 98 KITS (FY96 62 KITS FY97 57 KITS FY98 89 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	METHOD OF IMPLEMENTATION: INSTALLATION DEPOT INITIAL LEAD TIME 21 MONTHS

FACT SHEET; F-15 13647B HIGH PRESSURE WATER SEPARATOR PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

AMT		49.7	1.7	9.9	- 6 G	3.0	13.6	6.99	<u>.</u>				
TOTAL QTY		370			(2) (62) (62)	(57)	370	370	FY-01	 			
TO COMP QTY AMT						1			FY-00	1 1 1 1			
0T VTO						1			1	 	24 24 4		
									FY-98	1/98	FY-97 2 3 25 24 24 24		
									FY-97	1/97	4 1 34 25 28 34	23 22	
									FY-96	1/96	FY-96 2 3 28	FY-00 2 3 22 22 22 22	
O AMT						3.0	3.0	3.0	FY-94	i 	4	4 1 13 22 14 13	4
AMT QTY AN						2.5 (89)		2.5	FY-93	4/94	FY-93 2 3	Fγ-99 2 3 15 14 15 15	FY-02 2 3
FΥ-99 QTY A						(21)	57		FY-92	4/94 2/96	4 0	4 1 15 15 15 15	4
									FY-90	3/.90 2/92	FY-92 2 3	FY-98 2 3 16 15	FY-01 2 3
	RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	EQUIP NUNKEC CHANGE ORDERS DATA SIM/TRAINER	SUPPORT-EQUIP MOD OF SPARES TOOLING	INSTALLATION OF HARDWARE FY9O 2 KITS FY92 62 KITS FY93 98 KITS FY93 98 KITS	57 89	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 16 OUTPUT 24	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 25

AIRCRAFT FY 1996 PROGRAM OF. MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE HES, MN-16628B CLC F-15 CLASS P

LANDING GEAR WIRING/SWITCHES, MN-16628B MODIFICATION TITLE AND NO

F-15 A/B/C/D

MODELS OF AIRCRAFT AFFECTED

27130F

PE

THE FLIGHT WIND LOADS ON THE WIRING AT THE SPLICE AREA. IF WIRES BREAK, THE ASSOCIATED PROXIMITY ON WHEELS (WOW) SWITCH HAS TO BE REPLACED. THERE HAVE BEEN 80 AIRCRAFT ABORTS. THE MODIFICATION INCORPORATES REDESIGNED SWITCHES OR SPEED SENSOR CIRCUIT (SSC) TO CONNECTOR ON AIRCRAFT BULKHEAD. THERE WILL BE A SEPARATE HARNESS FOR EACH SWITCH/SSC. NOSE LANDING LIGHT HARNESS WILL BE REPLACED AND ENCAPSULATED IN TUBING. 90 MOD INSTAL (\$1.624). DESCRIPTION/JUSTIFICATION:

DEVELOPMENT STATUS: ECP RECEIPT ORGANIC; CCB MAY 89. NO FLIGHT TEST REQUIRED; MOD WILL BE ORGANICALLY ASSEMBLED. PRODUCTIVITY, RELIABILITY, AVAILABLITY AND MAINTAINABILITY (PRAM) DID PROTOTYPE. (AIRCRAFT BREAKOUT: 117 ANG; O AFRES; AND 408 ACTIVE).

PROJECTED FINANCIAL PL	PLAN PRIOR	8	FY-94	94	FY-95	FY.		FY-97	.97	FY-98	98
	QTY	AMT	QTY	AMT	QTY AMT	QTY	TM7	QTY	AMT	017	AM1
RDT&E (3600) N/A	1 								-	•	
PROCUREMENT (3010) INSTALL KITS	218	.	98	<u>.</u> ი		48	œ.	48	ω.	48	œ.
KITS NONRECUR EQUIPMENT		0.0	(88)	+:		(48)	ლ.	(48)	ღ.	(48)	9.
EQUIP NONREC CHANGE ORDERS									•		
DATA		w (
SIM/TRAINER		ი.									
MOD OF SPARES											
STALLATION OF HARDWARE			(115)	1.6							
FY91 135 KITS (135)	ε.									
FY92 83 KITS (83)	.7				(00)					
FY94 98 KITS						(86)	7.	(48)	4.		
FY96 48 KIIS FY97 48 KITS										(48)	9.
FY98 48 KITS FY99 29 KITS				!	1 1 2 1 1	 	 	 	1 1 1 1	! ! ! !	
TOTAL INSTALL COST	218	1.0	115	-		98	1.2	48	4.	48	9.
TOTAL COST (BP-1100)	218	5.1	98	4.2		48	2.3	48	5	48	2.0
METHOD OF IMPLEMENTATI	TION: I	ON: INSTALLATION INITIAL LEAD TIME	ATION .	COMB	COMBINATION 25 MONTHS	FOLL	FOLLOW-ON LEAD TIME	EAD TI	ME 24	MONTHS	S

FACT SHEET; F-15 16628B LANDING GEAR WIRING/SWITCHES PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

		FY-99 OTY A) FY-00 AMT QTY /	OO AMT				\circ	COMP AMT	TOTAL QTY	AMT
RDT&E (3600) N/A		;	; ;	 				1 1 1 1	1 1 1 1 1	i 1 1 1 1 1	
PROCUREMENT (3010) INSTALL KITS		29	რ.							489	6.1
KITS NONRECUR EQUIPMENT		(59)	6.								3.5
CHANGE ORDERS DATA CIMITED			•								ო თ
IP											
INSTALLATION OF HARDWARE FY9O 115 KITS EV91 135 KITS									J J	115) 135)	— ი. ც. լ
										83) 98) 48)	4.
4 8 8 8										48)	ō. 4
48 29		(48)	.4 (29)	9.						29)	9 1
TOTAL INSTALL COST		48	.4 29	9.						604	ъ
TOTAL COST (BP-1100)		29	<u>თ</u>	9.						489	16.6
MILESTONES:	FY-91	FY-92	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	4/91	4/93 3/95	1/95	1 1 1 1 t	1/98 1/98	1/97	1/98	1/99			
INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	FY-92 2 3	4	FY-93 2 3	4	FY-94 2 3 3 3	4 1 43 44 43	FY-95 . 2 3 43 42 43 43	4			
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 25 OUTPUT 42	FY-96 2 3 25 24 25 25	4 1 24 24	FΥ-97 2 3	4 1 2 1	FY-98 2 3 12 12 12 12	4 <u>6 6</u>					
INSTALLATION SCHEDULE: QUARTERS 12 INPUT 12	FY-99 2 3 12 12 12 12	4 5 5 1 5 5 1 5 5 5 5 5 5 5 5 5 5 5 5 5	FY-00 2 3 12 12 12 12	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FY-01 2 3 12 5 12 12	4 0					C

AIRCRAFT FY 1996 PROGRAM OF. MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE NA-16701B CLC F-15 CLASS P

IPTION/JUSTIFICATION: BOTH WINGS/CFTS CONTAIN FUEL TRANSFER PUMPS WHICH MAINTAIN A STEADY FLOW OF FUEL FROM THE WING/CFTS. IF ONE OF THE PUMPS FAIL, PILOT HAS NO INDICATION. FAILED TRANSFER PUMP ALLOWS EXCESSIVE FUEL IMBALANCE TO RAPIDLY DEVELOP, CAUSING A WING HEAVY CONDITION. IF PILOT FAILS TO REALIZE CONDITION, HE MAY EXCEED ANGLE OF ATTACK AND LOSE CONTROL OF AIRCRAFT. IN THIS ATTITUDE FLIGHT CONTROLS NO LONGER FUNCTION. THREE MISHAPS OF THIS NATURE HAVE OCCURRED, WITH LOSS OF ONE AIRCRAFT DOCUMENTED. INCORPORATES A WARNING INDICATOR TO THE COCKPIT TO ALERT THE PILOT. THERE WILL BE TWO CURRENT MONITORS ATTACHED TO THE PUMP WIRING ASSEMBLY RUNNING TO THE COCKPIT AND FOUR ADDED FOR EACH CFT. 27130F ÞΕ WING FUEL TRANSFER PUMP, MN-16701B F-15A/B/C/D MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO FY 1996 PRE

DEVELOPMENT STATUS: FLIGHT TEST NOT REQUIRED. ECP MAR 87. CCB OCT 87. (AIRCRAFT BREAKOUT: O AFRES, AND 418 ACTIVE). 117 ANG;

AMT FY-98 QΤγ AMT QT. AMT FY-96 QTY ΔMΤ FY-95 ΛLO AMT Fγ-94 QTY AMT PRIOR QTY PROJECTED FINANCIAL PLAN

RDT&E (3600) N/A

(101)		1.1	FOLLOW-ON LEAD TIME -
. 4 *		4.1	ON: INSTALLATION DEPOT INITIAL LEAD TIME 24 MONTHS
	1 1 1 1 1	101	TION
3.1 101 .3 .4 (101) 2.2 .5 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	3.5	434 10.2 101	STALLA LEAD
430 4 4 104) 97)	434	434	N: IN
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP MOD OF SPARES INSTALLATION OF HARDWARE FY90 233 KITS FY92 104 KITS FY94 101 KITS	COST	TOTAL COST (BP-1100)	METHOD OF IMPLEMENTATION: INSTALLATION DEPOT INITIAL LEAD TIME 24 MOI

-- 12 MONTHS

	0T V
(CONTINUED)	
	00
PUMP	FY-00
FRANSFER	FY-99 FY-00
16701B WING FUEL TRANSFER PUMP AL PLAN (CONTINUED)	FY
16701B PLAN (
FACT SHEET; F-15 PROJECTED FINANCIAL	

		66-∤	AMT QTY	OO AMT				0T 9TV	TO COMP QTY AMT	TOTAL QTY	AMT
RDT&E (3600) N/A		 									
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT										531 4	4 8.6.4
EQUIP NUNKEC CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP MOD OF SPARES											
INSTALLATION OF HARDWARE FY90 233 KITS FY92 104 KITS FY93 97 KITS FY94 101 KITS										233) 104) 97) 101)	96-1
TOTAL INSTALL COST			1 1 1 1 1 1 1 1 1 1	! { { 						535	4.6
TOTAL COST (BP-1100)										532	12.7
MILESTONES:	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	4/89	1/90	1/91	1/92	4/94 2/95	1/95 1/96					
INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	FY-91 2 2 1 2 2	4 + + + +	FY-92 2 3 5	4 1 20 39 5 20	FY-93 2 3 39 39	4 1 37 20 39 37	FY-94 2 3 20 20 20 20	4 19 20			
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 13 OUTPUT 19	FY-95 2 3 13 13	4 1 13 50 13 13	FY-96 2 3 50 49 50 50	4 1 49 23 49 49	FY-97 2 3 23	4					

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

ICATION OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

DESCRIPTION/JUSTIFICATION: REPLACES EXISTING ACFT STRUCTURAL INTEGRITY PROGRAM RECORDERS WITH NEW MICROPROCESSOR CONTROLLED DIGITIAL RECORDERS. IN ADDITION, ALL AIRCRAFT WILL HAVE THE NEW RECORDER INSTEAD OF ONE IN FIVE WITH THE PREVIOUS RECORDER. MTBF WILL BE INCREASED TO 1500 HOURS OVER 300 HOURS FOR THE PREVIOUS RECORDER. ADDITIONAL CAPABILITIES ARE ALSO PROVIDED WITH THE NEW RECORDER. APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE STANDARD FLIGHT DATA RECORDER, MN-17606B CLC F-15 CLASS P PE 27134F F-15E MODELS OF AIRCRAFT AFFECTED FY 1996 PRE MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: CONFIGURATION CONTROL BOARD: JULY 90 (ACFT BREAKOUT: 43 ACTIVE).

PROJECTED FINANCIAL PLAN	00100	FV - 94	4	FY-95		FY-96		FY-97		FY-98	98
Ö	QTY AMT		AMT	QTY AMT	'	QTY AMT	AMT	QTY AI	AMT	QTY	AMT
RDT&E (3600)	3.2										
PROCUREMENT (3010)			,								
INSTALL KITS		43	7.4								
KITS NONRECUR		(49)	ď								
COLIPMENT		(43)	2								
EQUIP NONREC				`							
CHANGE UNDERS	4.				ızı						
IM/TRAINER											
SUPPORT-EQUIP											
IOD OF SPARES	1.6										
INSTALLATION OF HARDWARE							n	(23)	7		
FY94 43 KITS			1		· ;	(20)	0 1	- 1	. !	1 1 1	1 1 1 1
TOTAL INSTALL COST	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	! ! ! !	1 1 1 1 1	t 1 1 1 1 1 1		50	נז	23	7.		
TOTAL COST (BD-1100)	2.0	2.0 43	5.3		تا		.5		7.		
UIAL COST (BF 1100)											
METHOD OF IMPLEMENTATION: INSTALLATION COMBINATION INITIAL LEAD TIME 12 MONTHS	ON: INSTALLATION COMBINATIC INITIAL LEAD TIME 12 MONTHS	ATION	- COMBI	NAT I ON NTHS	_	-OLLOW-(ON LE	FOLLOW-ON LEAD TIME	ı	MONTHS	4S

	AMT	4.2	2.4	2°.	თ.	1 .6	1.2	4.2	0.6					
	TOTAL QTY	1 E 1 1 1 1 1	43				(43)	43	43					
	TO COMP QTY AMT	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1												
(CONTINUED)														
											FY-97		4	
											FY-96		FY-98 2 3	
ORDER	OO AMT	1 5 1 1						1 1 1 1			FY-95	1/95 1/96	4	2
r DATA RECO	FY-00 AMT QTY							1 1 1 1 1			FY-94	3/94 1/96	-97	11 15 2
JARD FLIGHT JUED)	FY-99 QTY Al	i i						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			FY-93	1 1 1 1		0 9 11 0
17606B STANDARD FLIGHT DATA RECORDER AN (CONTINUED)	L. Sandan										FY-92	1 1 1 1	FY-96 2 3	တ
FACT SHEET; F-15 176 PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS	KITS NONRECUR EQUIPMENT EQUIP NONREC	CHANGE ORDERS DATA SIM/TRAINER	SUPPORT-EQUIP MOD OF SPARES	INSTALLATION OF HARDWARE FY94 43 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	च ि	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS	INPUT 1

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*** UNCLASSIFIED ***

AIRCRAFT FY 1996 PROGRAM OF. MODIFICATION

DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC F-15 CLASS P

IPTION/JUSTIFICATION: REPLACES THE CURRENT LIQUID OXYGEN SYSTEM (LOX) WITH ON-BOARD OXYGEN GENERATING SYSTEM (OBOGS). REDUCES MAINTENANCE ACTIONS REQUIRED FOR FLIGHT AND REDUCES THE LOGISTICS SUPPORT REQUIRED FOR THE F-15E. AF VERSION DIFFERS FROM NAVY VERSION BECAUSE IT CONTAINS A BACKUP OXYGEN SYSTEM AND AN IMPROVED OXYGEN SENSOR TO PRECLUDE FREEZING AT 22 27134F PE MSDGS, MN-197500 F-15E MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO DEGREES. FY 1996 PRE

DEVELOPMENT STATUS: DEVELOPMENT COMPLETE. (128 ACTIVE).

AMT ٥T۲ AMT QTY AMT FY-96 ΛTO AMT FY-95 QΤΥ AMT FY-94 QT۲ AMT PRIOR ٩T PROJECTED FINANCIAL PLAN

RDT&E (3600) N/A

- (49) 49 COMBINATION 9. 0 თ დ METHOD OF IMPLEMENTATION: INSTALLATION --49 8. 1 6.2 4.1 6. 2.0 55) 24) 79 79 79 SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE TOTAL COST (BP-1100) **FOTAL INSTALL COST** PRDCUREMENT (3010) FY92 55 KITS FY93 24 KITS FY94 49 KITS INSTALL KITS KITS NONRECUR EQUIP NONREC CHANGE ORDERS EQUIPMENT DATA

FOLLOW-ON LEAD TIME -- 12 MONTHS

18 MONTHS

INITIAL LEAD TIME --

FACT SHEET; F-15 197500 MSDGS PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

RDT&E (3600) N/A PROCUREMENT (3010) INSTALL KITS		FY-99 QTY A	AMT QTY A	00 AMT								TO COMP QTY AMT	TOTAL QTY	AMT . 10.1
					•								, , ,	
										u.		; ; ; ; ; ;	(24)	
		; ; ; ; ; ;	1 1 1 1 1 1	t 1 1 1 1									128	ω
													128	13
ш 1	FY-92	FY-93	FY-94	FY-95		FY-96	ш	FY-97						
4,0,	4/92 2/94	4/94 3/95	4/94 1/96											
 ≻. C	FY-93 2 3	4 +	FY-94 2 3 8 8	4 0 0	- 8 8	FY-95 2 3 18 12 18 12	4 5 5	- t t t	FΥ-96 2 12 12	96 3 12 12	4 5 5			
⊁ 2	FY-97 2 3	4	FY-98	4										

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

GPS, MN-3150E FY 1996 PRE MODIFICATION TITLE AND NO

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC F-15 CLASS P

DESCRIPTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) IS A SPACE BASED RADIO NAVI-GATION SYSTEM THAT WILL PROVIDE SUITABLY EQUIPPED HOST VEHICLES WITH HIGHLY ACCURATE JAM RESISTENT, THREE DIMENSIONAL, POSITION, VELOCITY, AND WORLDWIDE IN ALL WEATHER TO IMPROVE MISSION EFFECTIVENESS. PE 27134F F-15E MODELS OF AIRCRAFT AFFECTED

DEVELOPMENT STATUS: ACFT BREAKOUT: O ANG, O AFRES, 204 ACTIVE. MCAIR STUDY, MAR 91. EMD CONTRACT AWARD AUG 92.

PROJECTED FINANCIAL PLAN	AN PRIOR	٩	FY-94	4	FY-95	22	FY	FY-96	FY-97	97	FY-98	86
	QTY	AMT	QTY AMT	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)	1 1	8.4	! ! !	1.9	! ! ! !	1.0	1 1 1					
PROCUREMENT (3010) INSTALL KITS			130	8 .9	74	3.6						
KITS NONRECUR EQUIPMENT			(130)	12.6	(74)	6.9						
EQUIP NONREC		-										
DATA				. 2		ლ.						
SIM/TRAINER					(4)	. 2						
SUPPORT-EQUIP				1.2		. 7						
INSTALLATION OF HARDWARE	ш						(•		
FY94 130 KITS							(72)	5.4	(28)	4 c	() ()	c
FY95 74 KITS						•	1	1	(38)	7.7	1	2
TOTAL INSTALL COST	1 1 1	 	1 	t 	 	 	72	5.4	96	7.5	36	3.2
TOTAL COST (BP-1100)			130	20.8	20.8 74	11.7		5.4		7.5		3.2
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT/FIELD TEAM	I ON: I	NSTALL⊅	- NOIT	- DEPOT	/FIELD	TEAM						

FOLLOW-ON LEAD TIME -- 24 MONTHS INITIAL LEAD TIME -- 24 MONTHS

	AMT	11.3	10.4	<u>. 5</u>	ເນັດ	. L i 0.	10.2	16.1	48.6			
	TOTAL QTY		204				(130) (74)	204	204			
	TO COMP							 				
	Ţ	! ! !		1				! !		FY-99	 	4
(CONTINUED)										FY-98	! ! !	FY-99 2 3
										FY-97	 	4
										FY-96	[FY-98 2 3 18 18 18
	O AMT	1						1 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		FY-95	1/95	4 1 24 18 24 24
	FY-00 1T QTY AN							1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		FY-94	2/94 2/96	FY-97 2 3 24 24 24 24
UED)	FY-99 QTY AMT	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		F	! ! !	4 1 24 24 24 24
OE GPS (CONTINUED)		•								FY-92	1 2 1 1	FY-96 2 3 24 24 24
FACT SHEET; F-15 3150E PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010)	KITS NONRECUR EQUIPMENT	EUDIP NONREC CHANGE' ORDERS DATA	SIM/TRAINER SUPPORT-EQUIP	INSTALLATION OF HARDWARE FY94 130 KITS FY95 74 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLASS P

DESCRIPTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) IS A SPACED BASED RADIO NAVIGATION SYSTEM THAT WILL PROVIDE SUITABLY EQUIPPED HOST HOST VEHICLES WITH HIGHLY ACCURATE, JAM-RESISTENT, THREE DIMENSIONAL POSITION, VELOCITY, AND TIME DATA, WORLDWIDE IN ALL WEATHER TO IMPROVE MISSION EFFECTIVENESS. 27130F ΡE NAVSTAR GPS, MN-3150M F-15A/B/C/D MODELS OF AIRCRAFT AFFECTED FY 1996 PRE MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: AIRCRAFT BREAKOUT: 117 ANG, O AFRES, 413 ACTIVE, MCAIR STUDY, MAR 91.

PROJECTED FINANCIAL PLAN	LAN PRIOR	FY-94	FY-95	-96	į	FY-97	;	FY-98	18 AMT
	QTY AMT	QTY AMT	QTY AMT	QTY AMT	10 1	17	AMI	 	AIM 1
	1 1 1 1 1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10	10.5		3.2		
RDT&E (3600)				•					
PROCUREMENT (3010)				٧	6	100	5.1	250	12.3
INSTALL KITS				r					
KITS NONRECUR				(4)	7 (100)		14.9 (250)	(250)	35.4
EQUIPMENT				(1)	:				
EQUIP NONREC							.2		
CHANGE ORDERS					-				9.
DATA							3.0		
SIM/TRAINER							7.		.2
SUPPORT-EQUIP				2	2.2		3.2		
TOOLING									
INSTALLATION OF HARDWARE	щ					(4)	9.		
FY96 4 KITS								(100)	8.3
FY97 100 KITS									
FY98 250 KITS									
FY99 136 KITS									
FYOO 40 KITS		1	1 1 1 1 1 1	1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1	1 1	1 1 1	!!!!!!!!!
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					4	9.	100	8.3
TOTAL INSTALL COS!								1	(
TOTAL COST (BP-1100)				4	3.2	90	27.7	250	56.8
METHOD OF IMPLEMENTATION: INSTALLATION COMBINATION INITIAL LEAD TIME 12 MONTHS	FION: INSTALLATION (INITIAL LEAD TIME	ATION COMB	COMBINATION 12 MONTHS	FOLLOW-ON LEAD TIME 12 MONTHS	I LEAD	TIME	12	MONTH	S

TOTAL QTY AMT	13.7	530 27.3	75.7	4	900	5 7.	4) .6	100) 8.3		1	530 45.8	530 159.4			
, 							J		7 (4.5	4.5			
TO COMP QTY AM									(40)		40				
															34 34 34
															FY-00 2 3 34 34 34 34
															1 F 334 3
													FY-01		61 63
													FY-00		63 63
													F		FY-99 2 63 63
AMT		2.2	5.6						11.6	1 1	11.6	19.4	FY-99	1/99	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
٠- مر ۱- مر		40								 	9	40			3 4 25 25 25 25
, Τ Ο Τ Υ		5	1 (40)		ო	- -			.8 (136)	 	&	80	FY-98	1/98 1/99 1/99	FY-98 2 25 25 25
99 AMT		7.	19.			•			20.	\$! !	20	47	,	1	25 F
FY-99 QTY		136	(136)						(250)	1	250	136	FY-97	1/97	4 0 -
													FY-96	2/96 2/97	FY-97 2 3 1 1
	RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS	KITS NONRECUR EQUIPMENT	EQUIP NONREC CHANGE ORDERS	DATA SIM/TRAINER	SUPPORT	INSTALLATION OF HARDWARE	FY96 4 KITS FY97 100 KITS	FY98 250 KITS FY99 136 KITS	FYOO 40 KITS	TO TAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT

PAGE 98

FΥ-03 2

FY-02 2

9

FY-01 2 10 30

INSTALLATION SCHEDULE:
QUARTERS 1
INPUT 30
OUTPUT 34

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT

FΥ-05 2

AIRCRAFT FY 1996 PROGRAM Р MODIFICATION

IPTION/JUSTIFICATION: SELF-PROTECTION SUITES REMAINED RELATIVELY UNCHANGED SINCE INITIAL DESIGN RADAR FLEXIBILITY EXHAUSTED, ARMAMENT CONTROL SET SATURATED, CENTRAL COMPUTER SATURATED AND STORE STATION INTERFACES ARE INCOMPATIBLE WITH NEW WEAPONS. PROVIDES TACTICAL ELECTRONIC WARFARE SYSTEM (TEWS) UPDATE (INCLUDES ALR-56 RWR/ALQ-135 JAMMER), NEW CENTRAL COMPUTER, AMRAAM, PROGRAMMABLE ARMAMENT CONTROL SYSTEM, SPLIT-SCREEN COCKPIT TV SENSOR AND ALL ENVIRONMENT ID. ID PORTION TO INCLUDE BEYOND VISUAL RANGE CAPABILITY THROUGH THE USE OF DUAL MODE RECOGNITION BY CIRCUIT CARD CHANGES IN THE APG-63 RADAR LRU. APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE MSIP PROGRAM: C/D SERIES, MN-3192 CLC F-15 CLASS P 27130F PE F-15C/D MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO FY 1996 PRE

DEVELOPMENT STATUS: INVOLVES AT LEAST 22 SEPARATE CONTRACTING ACTIONS.
ACFT BREAKOUT: O ANG; O AFRES; 304 ACTIVE (118 C/D'S RECEIVED MSIP DURING PRODUCTION).

PROJECTED FINANCIAL PLAN	AN PRIOR QTY /	JR AMT	FΥ-94 QTΥ	4 AMT	FY-95 QTY AMT	FY-96 QTY AM	6 AMT	FY-97 QTY AMT	FY-98 QTY AN	AMT
RDT&E (3600)	 	235.0	! ! !	! ! !	: 1 1 1 1 1 1					
PROCUREMENT (3010)	286	2.55 4.	4	0.9						
KITS NONRECUR	4	21.0								
EQUIPMENT		148.7	(14)	8.0						
EQUIP NONREC										
CHANGE UNDERS		4.4								
SIM/TRAINER		26.6								
SUPPORT-EQUIP		7.0		2.7						
MOD OF SPARES		12.2								
TOOLING		6.2								
INSTALLATION OF HARDWARE										
FY88 30 KITS (30)									
FY89 23 KITS (23)									
FY90 146 KITS (146)									
FY91 36 KITS (36)	21.8								
FY92 39 KITS (33)	22.1								
FY93 16 KITS (16)	13.4				(44)	7.0			
FY94 14 KITS			1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1 1 1 1 1 1	1 1 1	1
TOTAL INSTALL COST	290	57.3				44	12.3			
TOTAL COST (BP-1100)	290	378.8	14	16.7			12.3			
METHOD OF IMPLEMENTATION:		ON: INSTALLATION DEPOT	TION	- DEPOT - 24 MONTHS	NTHS	FOLLOW	1-0N LE	FOLLOW-ON LEAD TIME 2	24 MONTHS	

	AMT	235.0	101.4 21.0 156.7	4.4 9.6 7.0 6.2 6.3	21.8 22.1 13.4	9.69	407.8					
	TOTAL QTY		300		30) 23) 146) 36) 39) 16)	304	304	FY-96				
	TO COMP QTY AMT							FΥ-95				
	0T VTQ					1 1 1		FY-94	1/94	4		
(CONTINUED)								FY-93	1/93 1/95	FY-91 2 3 12 11 14 10		
								FY-92	1/92 1/94	11 7 10 10	4 ts t-	4
								FY-91	1/911/93	FY-90 2 3 11 12	FY-94 2 3 14 13 14 19	FY-97 2 3
	O AMT					 		FY-90	2/90 2/92	4 7 8 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	4 11 11 13	4 - ε
C/D SERIES	FY-00 AMT QTY	, . , , ,						FY-89	4/89 4/91	FY-89 2 3 6 4 8 8	FY-93 2 3 9 12 13 13	FY-96 2 3 3 6 5 5
RAM:	γ-99		·			t t 1		FY-88	3/89 3/91	4 1 11 6 8 7	4 1 13 10 13 13 13 13 13 13 13 13 13 13 13 13 13	4 1 7 7 5 5
) (C								FY-87	1/86	FY-88 2 3 2 7	FY-92 2 3 3 13 11 10	FY-95 2 3 6 5 6 6
FACT SHEET; F-15 3192 PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC	CHANGE, ORDERS DATA SIM/TRAINER SUPPORT-EQUIP MOD OF SPARES TOOLING	INSTALLATION OF HARDWARE FY88 30 KITS FY89 23 KITS FY90 146 KITS FY91 36 KITS FY92 39 KITS FY92 39 KITS FY94 316 KITS FY94 316 KITS	1 1		MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 10 OUTPUT 2	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 13 OUTPUT 10	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 5

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC F-15 CLASS P

ALR-56C, MN-3192A MODIFICATION TITLE AND NO

27130F PE

DESCRIPTION/JUSTIFICATION: PROVIDES TACTICAL ELECTRONIC WARFARE SYSTEM UPDATE MODELS OF AIRCRAFT AFFECTED F-15C/D/E

DEVELOPMENT STATUS: FY85-86 COMBINED IN FY86. NINETEEN PRODUCTION F-15C/D ACFT INCLUDED ALR-56C AS PART OF BASELINE. 10 FOR 15E + K - CODED ACFT.

QTY AMT FY-97 AMT FY-96 QTY QTY AMT FY-95 AMT FY-94 QTY AMT PRIOR PROJECTED FINANCIAL PLAN

FY-98 QTY AMT

QTY RDT&E (3600)

111.2

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER SUPPORT-EQUIP ALR-56C

\$ 274 192.0

12.3 3.5

INSTALLATION OF HARDWARE

TOTAL INSTALL COST

274 192.0 TOTAL COST (BP-1100)

48

FOLLOW-ON LEAD TIME -- 20 MONTHS METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- 20 MONTHS

(CONTINUED)	
3192A ALR-56C	(CONTINUED)
3192A	IAL PLAN
FACT SHEET; F-15	PROJECTED FINANCIAL

) }-	TY-OO MT QTY AN	OO AMT				10 VTQ	TO COMP QTY AMT	TOTAL QTY A	AMT
RDT&E (3600)											111.2
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE, ORDERS DATA ' SIM/TRAINER											
SUPPORT-EQUIP ALR-56C ICS INSTALLATION OF HARDWARE										292	204.3 3.5
TOTAL INSTALL COST		 	1 1 1 1 1	# # # # # # # # # # # # # # # # # # #				l 	1 1 1 1 1 1 1 1		
TOTAL COST (BP-1100)										292	207.8
MILESTONES:	FY-86	FY-87	FY-88	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	4/88 3/90	4/88 3/90	1/90 4/91	2/90 1/92	3/90 2/92		1/92 4/93	1/94 3/95	1/94 3/95		

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC F-15 CLASS P

ALQ-135, MN-3192B

DESCRIPTION/JUSTIFICATION: ALQ-135 BAND 3 IS AN UPDATED VERSION OF INTERNAL COUNTERMEASURES JAMMER (DETECTS, DETERMINES, TAKES ACTION). PE 27130F F-15C MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO FY 1996 PRE

DEVELOPMENT STATUS: CONTRACTOR SUCCESSFULLY VALIDATED SOFTWARE DEC 89. APPLICABLE TO 300 F-15C'S ONLY. 63 ALQ-135'S DELIVERED FROM PRODUCTION AND 27 DELIVERED IN LOT III BP1100 BUY. ACFT: 305 C'S (MUTLI STAGE IMPROVEMENT PLAN).

AMT FY-98 QTY A AMT FY-97 QTY AMT FY-96 QTY AMT FY-95 OΤγ AMT FY-94 Q۲۷ AMT PRIOR QT۲ PROJECTED FINANCIAL PLAN

RDT&E (3600) N/A

PROCUREMENT (3010) INSTALL KITS KITS NONRECUR CHANGE ORDERS EQUIP NONREC **EQUIPMENT** DATA

SIM/TRAINER SUPPORT-EQUIP ALQ-135

9 260.2 116

150.9 11.0

111.3 10.8

40

INSTALLATION OF HARDWARE

40 122.1 161.9 9 116 269.4

TOTAL COST (BP-1100)

TOTAL INSTALL COST

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE

INITIAL LEAD TIME -- 16 MONTHS

FOLLOW-ON LEAD TIME -- 16 MONTHS

1.3

	AMT			522.4 32.3	 	554.7		
	TOTAL AN			216 5		216 5	FY-99	
	TO COMP QTY AMT				i 		FY-98	
	0T YTQ				1	•	FY-96	
(CONTINUED)							FY-95	1/95 2/96
J							FY-94	1/94 2/95
							FY-93	1/93 2/94
	OO AMT				 		FY-92	1/92 2/93
	FY-OO MT QTY AM				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		FY-91	
35 IUED)	FY-99 QTY AMT				i i i 1		FY-90	
2B ALQ-135 (CONTINUED)							FY-89	1/91 3/92
FACT SHEET; F-15 3192B PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER	SUPPORT-EQUIP ALQ-135 ICS INSTALLATION OF HARDWARE	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC F-15 CLASS P

ALQ-135 P3I, MN-3192C FY 1996 PRE MODIFICATION TITLE AND NO

DESCRIPTION/JUSTIFICATION: ADDS ALQ-135 BAND 3.0 COUNTERMEASURES JAMMER (DETERMINES, TAKES ACTION). 90 F-15ES REQUIRE MODIFICATION. REMAINDER IS DESERT STORM PAYBACK TO C MODEL. PE 27134F F-15E MODELS OF AIRCRAFT AFFECTED

DEVELOPMENT STATUS: SOFTWARE FIELDED DEC 93. (68 ACFT RECEIVE(D) THE ALQ-135 IN PRODUCTION.). ACFT: 204 E'S.

AMT FY-98 AMT FY-97 QTY AMT FY-96 QTY AMT FY-95 QTY A AMT FY-94 QTY A AMT PRIOR QΤΥ PROJECTED FINANCIAL PLAN RDT&E (3600) N/A

PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC

CHANGE ORDERS

100.9 4

ဖ 48.7

20

23.5

35.0

35.0 Ξ

35.0

35.0

23.5

9

48.7

FOLLOW-ON LEAD TIME -- 16 MONTHS

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- 6 MONTHS

41 100.9

TOTAL COST (BP-1100)

TOTAL INSTALL COST

INSTALLATION OF HARDWARE

SUPPORT-EQUIP

SIM/TRAINER

DATA

FACT SHEET; F-15 3192C ALQ-135 P3I PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

		FY-99 QTY /	T Μ.	FY-00 QTY AM	AMT				0T VT0	TO COMP QTY AMT	TOTAL	AMT	-
RDT&E (3600) N/A													
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE' ORDERS DATA SIM/TRAINER		6	35.0	6	35.0				2	0.09	124	373.1	
SUPPORT-EQUIP ICS INSTALLATION OF HARDWARE	•	! ! !	; ; ;	! ! ! !	 				1	1 1 1 1 1	1 1 1 1 1	 	
TOTAL INSTALL COST													
TOTAL COST (BP-1100)		0	35.0	10	35.0					15 60.0	124	373.1	
MILESTONES:	FY-92	FY-93	FY-94		FY-95	FY-96	FY-97	FY - 98	FY-99	FY-00	Э О- У- 1	· ·	
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	1/92 2/92	1/93			1/95 2/96	2/96 3/97	2/97 3/98	2/98 3/99	2/99 3/00	2/00 3/01	2/01 3/02		

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

AIRCRAFT ICATION OF AIRC FY 1996 PROGRAM MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC F-15 CLASS P PE 27130F UTIDS, MN-3316 ပ F- 15 DESCRIPTION/JUSTIFICATION: MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO FY 1996 PRE

IPTION/JUSTIFICATION: THE JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS) IS A SECURE JAM-RESISTANT DIGITAL COMMUNICATION SYSTEM FOR JOINT SERVICE INTEROPERABILITY AMONG DATA COLLECTION ELEMENTS, COMBAT ELEMENTS AND CONTROL CENTERS. THE CLASS 2 JTIDS GP A TO BE INSTALLED DURING MSIP. DUAL PRODUCTION CONTRACTS.

DEVELOPMENT STATUS: FIRST UTIDS F-15 FLT DEMO JUN 85. DAB SEP 89. POR SEP 89. ACFT BREAKOUT: O ANG; O AFRES; 20 ACTIVE. CCB DEC 89.

LAN 23.20 EV-95 EV-96 FY-97 FY-98	TARA	AMI	1 1 1 1 1	
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75)	AMT		1 1 1 1 1
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76	10	AMT		11111
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JAL PLAN				
ANCIA				
FIN				
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ROJECTED				
ಜ				

RDT&E (3600)

100.4

56.5 8.6 32 PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR EQUIP NONREC EQUIPMENT

. 4. 46.9 1.1 CHANGE ORDERS SIM/TRAINER SUPPORT-EQUIP DATA

INSTALLATION OF HARDWARE

ن 3

86.6 32 TOTAL COST (BP-1100) TOTAL INSTALL COST

1.3

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTER! INSTALLED TIME -- 24 MONTHS

FOLLOW-ON LEAD TIME -- 24 MONTHS ORG/INTERMEDIATE

JTIDS (CONTINUED)

FACT SHEET; F-15 3316 PROJECTED FINANCIAL PLAN

(CONTINUED)

TO COMP TOTAL QTY AMT QTY AMT	35 56.5 8.6 .1	16.9	35 87.9	
FY-99 FY-00 QTY AMT QTY AMT				FY-89 FY-90 FY-93 FY-94 4/90 4/90 4/93 3/94 4/92 4/92
OT) RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE'ORDERS DATA	DWARE T	TOTAL COST (BP-1100)	MILESTONES: FY-88 FY CONTRACT-DATE (QTR/FY): 4/90 4/ DELIVERY-DATE (QTR/FY): 4/92 4/

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

*** UNCLASSIFIED ***

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC F-15 CLASS P MODIFICATION OF AIRCRAFT FY 1996 PROGRAM DATE 02/21/95

4TH ROBUST BLADE, MN-6048 FY 1996 PRE MODIFICATION TITLE AND NO

RDT&E (3600) N/A

MUDIFICALIUM TILE AND NO THE NOTE OF THE N	
MODELS OF AIRCRAFT AFFECTED F-15E - 229 ENGINE	134F
DESCRIPTION/JUSTIFICATION: REDESIGNED IMPROVED 4TH STAGE TURBINE BLADE AND DISK.	
DEVELOPMENT STATUS: COMPLETE.	
PROJECTED FINANCIAL PLAN PRIOR FY-94 FY-95 FY-96 FY-97 FY-98 QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT	FY-98 QTY AMT

FOLLOW-ON LEAD TIME -- 12 MONTHS 1.6 22 (6) g 22 ۲. 9 (6) 0 METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT INITIAL LEAD TIME -- 18 MONTHS . 3 8 PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE
FY96 10 KITS
FY96 36 KITS
FY00 69 KITS
FY01 36 KITS TOTAL COST (BP-1100) TOTAL INSTALL COST

	 - -		0.41	•				1.0	15.0				
	AMT		-				1 1 1						
	TOTAL QTY		191	Ć	300	36)	36)	191	191				
	COMP AMT		2.3	•		.2.	. 2(9.	2.9	FY-03			
	TD CC QTY		36			36)	36)	141	36				
	i					<u> </u>		ı		FY-02		4	
NUED)										101	7 2	a a a	
(CONTINUED)										FY-01	1/01	FΥ-00 2 5	
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										FY-00	1/00	4 + +	4 o o
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										FY-99	1/99	FY-99 2 3	FY-03 2 9
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	OO AMT		ਰ. 4			•		· · · · · · · · · · · · · · · · · · ·	5.6	FY-97	1/97 1/98	4	4 to to
	FY-00 QTY		69		((22)		22	69	96	9.2	223	3 18 18
)E	<u> </u>		2.7		₹.			-	2.8	FY-96	1/96	FΥ-97 2 3 3	FY-02 2 18 18
r BLAD	FY-99 Y AM		(0		_			10	36	95	. ភូ ច	- ო ო	- 81
4TH ROBUST ONTINUED)	QTY		36		(10)			10	ю	FY-95	2/95 2/96	4 w w	4 o o
4TH ROBUS (CONTINUED)										46	1 4 10 1	_ ო ო ო დ	_ ოთთ -
										FY-94	4/94 2/96	FY-96 2 3	FY-01 2 9
FACT SHEET; F-15 6048 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE' ORDERS	SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE		22 KITS 36 KITS	69 KITS 36 KITS	INSTALL COST	TOTAL COST (BP-1100)	ONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 9 OUTPUT 9
FACT S PROJEC		RDT8	PROCUREMENT INSTALL K KITS NONR EQUIPMENT EQUIP NON CHANGE'OR	SIM/TRAINER SUPPORT-EQU INSTALLATION	FY94 1	FY97 FY99		TOTAL	TOTAL	MILESTONES	CONTR	INSTA	INSTA

*** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE EJECTOR/VLV CABLE BUTTERFLY, MN-64081B CLC F-15 CLASS P

FY 1996 PRE MODIFICATION TITLE AND NO

PE 27130F MODELS OF AIRCRAFT AFFECTED

DESCRIPTION/JUSTIFICATION: THIS P-3A REFLECTS INSTALLATIONS OF KITS PROCURED WITH PRIOR YEAR FUNDS. DEVELOPMENT STATUS: N/A.

AMT FY-97 QT۷ AMT FY-96 QTY AMT FY-95 OΤΥ AMT FY-94 QTY AMT PRIOR QT. PROJECTED FINANCIAL PLAN

FY-98

RDT&E (3600) N/A

SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY9O 596 KITS (PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS

(110) 426)

170 TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT INTIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

	TO COMP TOTAL QTY AMT QTY AMT		(596) 2.1	596 2.1	2.1				
(CONTINUED)								FY-93 2 3 4 7 6 6	
						FY-95		4 1 32 7 36 32	
						FY-94		FY-92 2 3 36 36 41 36	
۲. ۲	O AMT					FY-93		4 1 30 44 41 30	4
ILE BUTTERF	FY-00 IT QTY #					F Y - 92		FY-91 2 3 46 41 40 46	FY-95 2 3 5
: EJECTOR/VLV CABLE BUTTERFLY (CONTINUED)	FY-99 QTY AMT					FY-91		4 1 24 40 24 24	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
· 848						FY-90	1 	FY-90 2 3 24 24 23 24	FY-94 2 3 42 42 42 42
FACT SHEET; F-15 64C PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY90 596 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 23 OUTPUT	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 42 OUTPUT 6

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLASS P CLC F-15 100/220 ENGINE INTERCHANGEABILITY, MN-65042B

IPTION/JUSTIFICATION: EXCESSIVE -100 ENGINE MAINTENANCE DOWN TIME AND INFLIGHT OPERATIONAL FAILURES HAVE RESULTED IN 180 MISSION ABORTS IN 1985. 92 OF THESE MISSIONS WERE DEEMED FAILURES DUE TO ENGINE MALE INFLIGHT. EXCESSIVE TIME IN REPAIR AT BASES AND DEPOT AND CONTINUED INFLIGHT FAILURES HAVE MAGNIFIED THE -100 ENGINE SHORTAGES. THE F-15 C/D AIRCRAFT REQUIRE WIRING AND BALLAST CHANGES TO ADAPT THE LATEST ENGINE CONFIGURATION, THE -220 TO THE AIRCRAFT. THE AIRCRAFT WILL THEN BE ABLE TO MEET UPCOMING FORCE RESTRUCTURE PLANS. MOD WILL WILL ALLOW USE OF EITHER -100 OR -220 ENGINE. IT WILL NOT RESULT IN ANY ADDITIONAL ENGINES 27130F PE F-15 A/B/C/D MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO FY 1996 PRE

DEVELOPMENT STATUS: ECP FROM MACAIR AUG 86. FLIGHT TEST NOT REQUIRED. 72 C'S AND 7 D'S MODIFIED DURING PRODUCTION. CONFIGURATIN CONTROL BOARD: AUG 89. (AIRCRAFT BREAKOUT: 117 ANG; O AFRES; 332 ACTIVE).

BEING PURCHASED.

AMT ΩTγ AMT FY-97 OΤY AMI FY-96 ٩T٨ AMT FY-95 QTY AMT FY-94 QTY AMT PRIOR ٥T PROJECTED FINANCIAL PLAN

N/A RDT&E (3600)

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372 3		70) 81) 27) 197)	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	375	375
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP	INSTALLATION OF HARDWARE FY90 70 KITS (FY91 81 KITS (FY92 27 KITS (FY93 197 KITS (74 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)

-- 12 MONTHS FOLLOW-ON LEAD TIME METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM

INITIAL LEAD TIME -- 12 MONTHS

42B 100/220 ENGINE INTERCHANGEABILITY	
100/220 ENGIN	(CONTINUED)
65042B	PLAN
FACT SHEET; F-15	PROJECTED FINANCIAL PLAN

		FY-99 QTY A	AMT QTY . A	00 · AMT				70 7T0	TO COMP QTY AMT	TOTAL QTY	AMT
RDT&E (3600) N/A											
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT										446 3	3.7 9.
INSTALLATION OF HARDWARE FY90 70 KITS FY91 81 KITS FY92 27 KITS FY93 197 KITS										70) 81) 27) 197)	6. 1. 6. 4. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.
FY94 74 KITS		:	i 1 1 1 1	i 				1 1 †	 	449	5.5
TOTAL COST (BP-1100)										449	÷.
MILESTONES:	FY-90	FY-91	FY-92 .	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98		
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	4/91	3/91 4/92	3/92 3/93	1/94	1/94						
INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	FY-91 2 3	4-	FY-92 2 3 2 5	4 6 8 9 4 5 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	FY-93 2 3 35 21 32 35	4 1 20 38 21 20	FY-94 2 3 38 38 38 38	38 38	·		
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 25 OUTPUT 38	FY-95 2 3 24 25 25 24	4 1 24 25 25 24	FΥ-96 2 3 25 24 25 25	4 4 4	FY-97 2 3	4					

FΥ-99 2

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

* * *** UNCLASSIFIED

OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

DATE 02/24/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC F-15 CLASS P

FY 1996 PRE MODIFICATION TITLE AND NO

APG-63 RADAR, MN-8049

DESCRIPTION/JUSTIFICATION: IMPROVED RADAR DESIGN FOR AGING APG-63, UPGRADE F-15C TO SOLVE SEVERE PARTS OBSOLESCENCE, PROVIDE AIR SUPERIORITY TO 21ST CENTURY. CURRENT APG-63 BECOMING LOGISTICALLY UNSUPPORTABLE. SIGNIFICANT IMPROVEMENT TO THE RELIABILITY AND MAINTAINABILITY OF THE RADAR. PE 27130F F-15 C MODELS OF AIRCRAFT AFFECTED

DEVELOPMENT STATUS: EMD START AUG 94: FLIGHT TEST START APR 97, DEVELOPMENT COMPLETE OCT 97. ACFT: 150 C'S.

PROJECTED FINANCIAL P	PLAN PRIOR	FY-95	55	FY-96	96	FY-97	.97	FY-98	ŀ	FY-99	£W.√
	QTY AMT	ΦTΥ	AMT	QTY	AMT	QTY	AMT	٠ - ١ - ٠	AMI	 - - -	AMI
		1 1 1 1	68.2	 	78.2	 	61.3		37.9		
						თ	1.2	63	2.7	16	6.1
						(6)	29.9	(63)	64.2	(42)	122.4
							5.0		13.0 3.5		7.0
							1.0		L .		ი. ი.
									. .		. 4 . 0
HARDWARE	ų.								•	(6)	0
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	1 1 1 1 1 1		! ! ! ! !	! ! !	i ! ! !	1 1	 	1 1	1 1 1 1	C	
TOTAL INSTALL COST										n) ,
TOTAL COST (BP-1100)						o o	38.1	63	87.4	76	152.1
ΤĀ	METHOD OF IMPLEMENTATION: INSTALL	INSTALLATION CONTRACT FIELD TEAM	- CONTE	SACT F	IELD TE,	AM	TO THE 12 MONTHS	718	T 13	MONTH	<u>S</u>

12 MUNIHS FOLLOW-ON LEAD TIME --INITIAL LEAD TIME -- 22 MONTHS

- <u>:</u>

	AMT	245.6	27.1	628.4	18.5	<u>ი</u> ი ი 4 ი ი	2.0	14.4	20.9 22.8	n) :)	811.7					
	TOTAL A A	N	369	V			(6	63) 76)	86) 91)	369		369	FY-04				
	- LV		5.4	130.4	0.0	o. -	J		20.9(55.0 55.0)	192.8	FY-03				
	TO COMP QTY AN		44						(86)		1	44	FY-02	2/02 3/02	2 4 18 18		
(CONTINUED)													FY-01	2/01 3/02	FY-01 2 3 18 18 1		
<u> </u>													FY-00	2/00 3/01	4 1 18 19 18 18	4	
													FY-99	2/99 3/00	FY-00 2 3 16 18 11 16	FΥ-04 2 3 20 24 20	
	AMT		0.9	144.3	2.5	0.		7	n. -	1 0	s: /-	171.7	FY-98	4/98 2/00	4 1 7 2 7 7 7	24 24 24 24 24 24 24 24 24 24 24 24 24 2	4
	FY-01 T QTY		.7 91	.2 (91)		9. r.		4.	(9/)	1	4	.6 91	FY-97	4/97 3/99	FY-99 2 3	FY-03 2 3 22 23 22 22	FY-06 2 3
APG-63 RADAR ONTINUED)	FY-00 COTY AMT	l I	86 5	(86) 137	е	4 c	,	(63) 14	•	1 (53	86 169	FY-96,		4 L	4 1 22 22 22 22 22	4
0)	,	1								ı			FY-95		FY-98 2 3	FY-02 2 3 21 22 21 21	FY-05 2 3
FACT SHEET; F-15 8049 PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS	KITS NONRECUR EQUIPMENT	EQUIP NONREC CHANGE; ORDERS	DATA SIM/TRAINER	INSTALLATION OF HARDWARE	FY97 9 KITS	FY99 76 KITS FY00 86 KITS FY01 91 KITS	FYOO 44 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 21 OUTPUT 21	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

DESCRIPTION/JUSTIFICATION: RADIO FREQUENCY (RF) TRANSMISSION IS POOR IN THE ALR-56C CABLES' ATTENU-ATING SIGNALS. THE ALQ-135 AND ALR-56C SHARE CABLES. THEY ARE LOSING THE ABILITY TO DETECT THREATS, DEGRADING THE SYSTEM. MOD PROVIDES SEPERATE CABLES. APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC F-15 CLASS P PE 27134F ALR-56C RF CABLES, MN-8051 F-15 E/C MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO FY 1996 PRE

DEVELOPMENT STATUS: N/A.

AMT FY-98 QTY AMT FY-97 QΤγ AMT FY-96 QTY AMT FY-95 OTY AMT Fγ-94 QΤΥ QTY AMT AMT PRIOR PROJECTED FINANCIAL PLAN

RDT&E (3600) N/A

PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT

3.2

451

EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER

INSTALLATION OF HARDWARE SUPPORT-EQUIP

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- 10 MONTHS

451

FOLLOW-ON LEAD TIME -- 10 MONTHS

	TO COMP TOTAL QTY A QTY A		451	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		451		
(CONTINUED)	,			·				
							FY-98	
	FY-OO QTY AMT			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			FY-97	
LES	AMT QTY			1			FY - 96	
ALR-56C RF CABLES (CONTINUED)	FY-99 QTY A			1			FY-95	
							FY-94	4/94 4/95
FACT SHEET; F-15 8051 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE, ORDERS DATA	SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

3.2

3.2

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

*** UNCLASSIFIED

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE APG-70 LRU-038, 082 & 044 UPDATE, MN-8053 CLC F-15 CLASS P FY 1996 PRE MODIFICATION TITLE AND NO

DESCRIPTION/JUSTIFICATION: MOD REPLACES THE UNRELIABLE AND OBSOLETE CERAMIC DAUGHTER BOARDS WITH HIGH DENSITY MEMORY CHIPS, BOARDS ARE NO LONGER BEING MANUFACTURED AND THERE HAS BEEN FURTHER ORGANIC REPAIR SINCE FY93/3. PE 27134F F-15E MODELS OF AIRCRAFT AFFECTED

DEVELOPMENT STATUS: N/A.

AMT FY-98 AMT QTY AMT FY-96 QΤY AMT FY-95 QTY A AMT FY-94 AMT QTY AMT PRIOR PROJECTED FINANCIAL PLAN

RDT&E (3600) N/A

18.1 120 PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIP NONREC EQUIPMENT

5.8

132

SUPPORT-EQUIP
INSTALLATION OF HARDWARE CHANGE ORDERS SIM/TRAINER DATA

TOTAL INSTALL COST

132 18.1 120 TOTAL COST (BP-1100) METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- 24 MONTHS

FOLLOW-ON LEAD TIME -- 24 MONTHS

23.9

23.9

AMT

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

, Y

OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC F-15 CLASS P

JTIDS IIR, MN-8250

DESCRIPTION/JUSTIFICATION: AN INTEGRATED COMMUNICATIONS, IDENTIFICATION SYSTEM CAPABLE OF DISTRIBUTING DIGITAL INFORMATION BETWEEN AIRBORNE AND SURFACE BASED ELEMENTS IN A TACTICAL THEATER. THE DIFFERENCE BETWEEN JIIDS AND STIDS IIR IS THAT THE TACAN IS NOT INCORPORATED AND REDUCED FREQUENCY RANGE OF THE TERMINAL. PE 27130F F-15 A-D MODELS OF AIRCRAFT AFFECTED FY 1996 PRE MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: N/A.

AMT FY-98 QTY AMT FY-97 QTV AMT FY-96 OΤY AMT FY-95 Q۲۷ AMT FY-94 ٥T٧ AMT PRIOR ۵T۲ PROJECTED FINANCIAL PLAN

(82)96 (96) 14.2 6. (82) 82 15.8 (5) SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY97 82 KITS RDT&E (3600) N/A PROCUREMENT (3010) FY99 96 LITS FY99 96 KITS FY00 18 KITS FY01 55 KITS INSTALL KITS KITS NONRECUR CHANGE ORDERS EQUIP NONREC EQUIPMENT DATA

14.5

2.3

3.5

ნ.

က 9 82 15.8 TOTAL COST (BP-1100) TOTAL INSTALL COST

55 KITS 78 KITS

FY02

£.3 21.8

82 96

FOLLOW-ON LEAD TIME -- 12 MONTHS METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM INITIAL LEAD TIME -- 12 MONTHS

	AMT		10.5	68.8		o. -	1.3 6.1	- 9.6	0.1-	7.3	110.8							
	TOTAL QTY		425				82) 96)	96)	55) 78)	425	425							
	COMP AMT		3.5	22.3	ää		<u> </u>	<u> </u>	1.0(2.8	29.0							
	T0 C0 QTY		133					(8)	(55) (78)	151	133	FY-03			4 ល	2		
NUED)														_	ນ໙ຕ			
(CONTINUED)				ı.								FY-02	1/02	FY-01	200	9		
												FY-01	1/01		- e c	7		
												Ĺ.			4 4 2	1	4	
												FY-00	1/00	FY-00	2 3 3 24 24		FY-04 2 3	
											0.1	66			± 4 5	4.7	-	9
	OO AMT		r.	2.9	7. 7.			1.6		1.6	5.2	FY-99	1/99		4 4 4	7.	4	6 24
	FY-00 QTY /		48	(18)				(96)		96	48	FY-98	1/98 1/99	o o	£ 2.2	77	6 8	2 4 4 4
	AMT		2.3	14.9	e. .	ຜ ນ	.	<u>·</u>		1.6	22.7	Ŗ		66 - Y H	. 4 2	7.7	FΥ-03 2	00
œ <u> </u>	66- Y	ı	96	(96)			(96)	è		96	96	FY-97	1/97		24	24		24 10
UTIDS IIR (CONTINUED)	QTY	 		3)			٤	2		!		ű.	i - -		4 4 4	24	4	15
												FY-96	1/96	1 1 2 1	2 3 24 24	10 24	-02	
FACT SHEET; F-15 8250 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PRDCUREMENT (3010) INSTALL KITS	KITS NONRECUR EQUIPMENT	EQUIP NONREC CHANGĘ ORDERS DATA		INSTALLATION OF HARDWARE FY97 82 KITS	FY99 96 L113	FYOO 18 KITS FYO1 55 KITS FYO2 78 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	TNSTALLATION SCHEDLE		OUTPUT	INSTALLATION SCHEDULE: QUARTERS	INPUT 15 OUTPUT 5

*** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

DATE 02/21/95

VHSIC CARD, MN-8251

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC F-15 CLASS P

FY 1996 PRE MODIFICATION TITLE AND NO

DESCRIPTION/JUSTIFICATION: MODIFIES VHSIC COMPUTER TO INCREASE MEMORY TO 512K RAM IN ORDER TO OPERATE AVIONICS MODS AND OFP. PE 27134F F-15E MODELS OF AIRCRAFT AFFECTED

DEVELOPMENT STATUS: N/A. (204 ACTIVE).

FY-98	± M V	Ī	
FY.	>+	- - -	
-97	TMA	AM	1 1 1 1
FY-97	7	<u>-</u>	
96		AM-	1 1 1 1
FY-96		ΔŢ	; ; ; ;
ري و	;	AMT	
7 × 1		ŎΤΥ	1 1 1
5	•	AMT	1 1 2
701	-	OTV	1 1
2	צ	ΔMT	1 1 1
PLAN	TRICE	OTY AMT OTY AMT OTY AMI OTY AMI OTY	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
CTED FINANCIAL F			
ECT			

	PRIOR QTY A	OR AMT	FY-94 QTY A	94 AMT	FY-95 QTY A	95 AMT	FY-96 QTY AMT	-96 AMT	0 1	97 AMT	FY-97 FY-98 TY AMT QTY AM	AMT
RDT&E (3600) N/A		i										
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR	4	2.0	2.0 537	10.7					193	4.3		
EQUIP NONREC												
CHANGE ORDERS DATA				Ξ.								
SIM/TRAINER												
MOD OF SPARES			(42)	1.5								
INSTALLATION OF HARDWARE	ш						(4)	*				
FY93 4 KITS FY94 537 KITS							(321)		1.3 (216)	8.	(607)	ď
FY97 193 KITS					1	1	i 1 1 1	1 1 1 1 1 1 1	1 1 1	 	193)	9 !
TOTAL INSTALL COST	 	 	 	} 	i ! ! !		325		1.3 216	∞.	193	ø _.
TOTAL COST (BP-1100)	4	4 2.0	2.0 537	12.3				1.3	193	5.		9.
METHOD OF IMPLEMENTATION: INSTALLATION COMBINATION INITIAL LEAD TIME 12 MONTHS	ION: I	NSTALL. L LEAD	ATION -	COMB1	INATION UNTHS	7	FOLL	JW-WC	EAD TIN	IE 13	FOLLOW-ON LEAD TIME 12 MONTHS	

	TO COMP TOTAL QTY AMT QTY AMT		734 17.0	. t.	(4) (537) 2.1 (193)6	734 2,7	734 21.3			
(CONTINUED)										
										4 4 4 4 8 8
								FY-98		38 3 49 49
								F Y = 9		FY-98 2 49 49
	_					1		FY-97	1/97 1/98	1 4 4 9 4 9 4 9 4 9 4 9 4 9 9 4 9 9 4 9
	-00 AMT					1 1		F 1	>>	53 53
	FY-00 QTY AN					1 1 1		FY-96		FY-97 2 3 54 54 54 54
	A M T					! ! !		Ξi		F 2 2 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 6 6 6 6
RD (6- 1							FY-94	2/95 2/96	54 1
VHSIC CARD (CONTINUED)	PTQ.					1		ΕÌ	તે તે	4 011 011
91 (0								FY-93		FY-96 2 3 109 110 109 110
FACT SHEET; F-15 8251 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC	DATA SIM/TRAINER SUPPORT-EQUIP MOD OF SPARES	INSTALLATION OF HARDWARE FY93 4 KITS FY94 537 KITS FY97 193 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS 1. INPUT OUTPUT

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE v-999999U PE 27134F MODIFICATION OF AIRCRAFT LOW COST RETROFIT MODS, MN-99999U FY 1996 PROGRAM FY 1996 PRE MODIFICATION TITLE AND NO DATE 02/21/95

DESCRIPTION/JUSTIFICATION: RETROFIT CORRECTIONS TO DEFICIENCIES CORRECTED IN PRODUCTION LINE. F-15 E MODELS OF AIRCRAFT AFFECTED

DEVELOPMENT STATUS: INCLUDED ARE: LAU 106 EJECTOR FOOT, TURBINE EXHAUST CASE, INCORPORATION OF PRODUCTION AFCS, BRU-46 SAFETY HANDLE, METS, AUTO TERRAIN FOLLOWING, OFP UPDATES, LAU-106 INTERFACE, A/E24T-199 ACPTS VOLTAGE DETECTOR AND CIRCUIT SELECTOR CHANGES.

AMT FY-98 QTY AMT FY-97 QΤΥ AMT FY-96 QTY QTY AMT FY-95 AMT FY-94 QTY. AMT PRIOR QT۷ PROJECTED FINANCIAL PLAN

INSTALLATION OF HARDWARE RDT&E (3600) N/A PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT SIM/TRAINER SUPPORT-EQUIP AIRCRAFT CHANGE ORDERS EQUIP NONREC DATA

1.9 -- 12 MONTHS FOLLOW-ON LEAD TIME ON: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- 12 MONTHS 1.6 METHOD OF IMPLEMENTATION: INSTALLATION TOTAL COST (BP-1100)

TOTAL INSTALL COST

_ -

1.9

LOW COST RETROFIT MODS	
LOW COST	CONTINUED)
N66666	PLAN (
F- 15	FINANCIAL PLAN
FACT SHEET;	PROJECTED FINAN

		FΥ-99 QTΥ /	9 FY-00 AMT QTY AM	00 AMT				10 QTV	TO COMP QTY AMT	TOTAL QTY	AMT
RDT&E (3600) N/A											
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SIM/TAINER			·								
SUPPORT - EQUIP AIRCRAFT INSTALLATION OF HARDWARE			1.5	რ.		ı			1	! ! !	13.0
TOTAL INSTALL COST		1 1 1 1 1 1	! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !	1 1 1 1				1 		 	
TOTAL COST (BP-1100)				ო.							13.0
MILESTONES:	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	J F F I	i i i i									

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

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		BUDGET ITEM.	BUDGET ITEM J	JUSTIFICATION	Z			DATE	
			(EXHIBIT	IT P-40)				FEBRUARY 1995	RY 1995
PPROPRIATION/BUDGET ACTIVITY	N/BUDGET A	CTIVITY		P-1 ITEN	P-1 ITEM NOMENCLATURE: F-16	URE: F-16			
AIRCRAFT PF	ROCUREMENT	AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS	MODIFICATION	SN					
		FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY1999	FY2000	FY2001
QUANTITY									
COST (In Mil)		\$111.053 \$109.950	1	\$118.606	\$143.107	\$243.181	\$279.265	\$118.606 \$143.107 \$243.181 \$279.265 \$267.891 \$191.106	\$191.106

nuclear and conventional weapons and missiles in both the air-to-surface and air-to-air mission areas. The overall goal of the This line item funds modifications to the F-16 aircraft. The F-16 is a multi-role fighter capable of employing a wide variety of modifications budgeted in FY96 is to increase flying safety, combat capability, reliability, maintainability, and provide for structural improvements to the airframe to ensure meeting the projected 8000 hour service life and permit replacement of the F-16 beginning approximately 2015. The specific modifications budgeted and programmed are attached.

PAGE NO.

P-1 SHOPP LIST ITEM NO. 27

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*** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

DATE 02/21/95

CLASS P-S APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE F100-PW-220/220E INTERCHANGEABILITY, MN-10501A CLC F-16 CLASS P-FY 1996 PRE

FAILURES HAVE RESULTED IN NUMBEROUS MISSION ABORTS. EXCESSIVE TIME IN REPAIR AT BASES AND DEPOT AND CONTINUED INFLIGHT FAILURES HAVE MAGNIFIED THE -200 ENGINE SHORTAGES. F-16 ACFT REQUIRE WIRING CHANGES TO ADAPT THE LATEST ENGINE CONFIGURATION, THE -220/220E TO THE AIRCRAFT. THE AIRCRAFT WILL THEN BE ABLE TO MEET UPCOMING FORCE RESTRUCTURE PLANS. MOD WILL ALLOW USE OF EITHER -200 OR -220E ENGINE. IT WILL NOT RESULT IN ANY ADDITIONAL ENGINES BEING PURCHASED. DESCRIPTION/JUSTIFICATION: EXCESSIVE -200 ENGINE MAINTENANCE DOWNTIME AND INFLIGHT OPERATIONAL 27133F PE F-16A/B/C/D MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO

56 KITS PURCHASED IN FY94 ARE DEVELOPMENT STATUS: AIRCRAFT BREAKOUT: 221 ANG; 20 AFRES; AND 37 ACTIVE. 56 CONVERSION KITS TO CONVERT BLOCK 15 KITS TO BLOCK 10 KITS

AMT FY-98 QΤΥ AMT FY-97 QTY AMT FY-96 ΔŢ AMT FY-95 QTY AMT FY-94 QT. AMT PRIOR ٥T PROJECTED FINANCIAL PLAN

RDT&E (3600) N/A

ග. 0. 56 (576)3.4 0.6 ი ი 173) 49) INSTALLATION OF HARDWARE PROCUREMENT (3010) INSTALL KITS KITS NONRECUR SUPPORT-EQUIP 90 MOD INSTAL FY91 173 KITS FY92 250 KITS CHANGE ORDERS MOD OF SPARES EQUIP NONREC SIM/TRAINER **EQUIPMENT** DATA

-- 12 MONTHS FOLLOW-ON LEAD TIME DEPOT/FIELD TEAM 12 MONTHS METHOD OF IMPLEMENTATION: INSTALLATION --INITIAL LEAD TIME --

56

11.4

TOTAL COST (BP-1100)

4.4

222 423

TOTAL INSTALL COST

56 KITS

FY94

FY93

1.1

(26)

10501A F100-PW-220/220E INTERCHANGEABILITY L PLAN (CONTINUED)	
F100-PW-220/220E (CONTINUED)	
10501A PLAN	
FACT SHEET; F-16 10501A F100-PW-220/ PDD.JECTED FINANCIAL PLAN (CONTINUED)	

		γ-99 γ	FY-00 MT QTY A	OO AMT				T0 VTV	COMP AMT	TOTAL QTY	AMT
RDT&E (3600) N/A		; 1 1 1 1 1 1									
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT										423 56	5.0
EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER											-
SUPPORT-EQUIP 90 MOD INSTAL											თ.
MOD OF SPARES INSTALLATION OF HARDWARE FY91 173 KITS Evon 250 KITS						•				173) 49)	4.6
F 100									•	56)	- 1
FYEA DO KILO			: 1 1 1 1	 				1 1	1 1 1 1	278	5.5
IDIAL INSTALL CUST										479	14.4
TOTAL COST (BP-1100)											· .
MILESTONES:	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	<u>. i</u>
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	3/91 3/92	3/92	1 1 1 1	1/95 3/95							
INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	FY-92 2 3	4 1 25 35 25 35	FY-93 2 3 35 35 35	4 4 4 4 4 4 4 4 4 3 4 4 4 4 4 4 4 4 4 4	FY-94 2 3 25 25	4 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	FY-95 2 3 28 28	2 2 4 2 8 8			

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FY 1996 PROGRAM P MODIFICATION

DATE 02/21/95

AIRCRAFT

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC F-16 CLASS P-S FY 1996 PRE

F-16 A/B/C/D BLK 30 MODELS OF AIRCRAFT AFFECTED

DESCRIPTION/JUSTIFICATION: THIS MOD REPAIRS CRACKS IN PRE-BLOCK 40 AIRCRAFT AT THE # 2,3, AND 4
ACCESS HOLES. TESTING SHOWS THE CRITICAL FAILURE PATH IS THROUGH THE FOUR WING SKIN ACCESS
HOLES AT BL 71.00 WHICH DECREASES THE WING STRUCTURAL STRENGTH, AND HAS RESULTED IN AN 8.5G
RESTRICTION FOR BLOCK 30 AIRCRAFT. MOD CORRECTS THE PROBLEMS BY MODIFICATION OF WING ROOT
FAIRINGS TO ALLOW AIRCRAFT TO WITHSTAND 9G DESIGN REQUIREMENTS AND BY REWORKING SKIN ASSEMBLIES
TO INCREASE STATIC STRENGTH AND DURABILITY. FAILURE TO ACCOMPLISH THIS MODIFICATION COULD
RESULT IN AIRCRAFT GROUNDING DUE TO CRACKS IN UPPER WING SKIN. 27133F ΡE WING BEEF-UP, MN-18503A MODIFICATION TITLE AND NO

PHASE III DEVELOPMENT STATUS: MIP #87-0369. PHASE I COMPLETE. PHASE II INSTALLS COMPLETE 2/91. AIRCRAFT BREAKOUT: AFRES - 200, ANG - 667, ACTIVE - 487.

AMT FY-98 ٥T AMT FY-97 QTY AMT FY-96 QΤγ AMT FY-95 QTY AMT FY-94 ٥T AMT PRIOR φTγ PROJECTED FINANCIAL PLAN

RDT&E (3600) N/A

(5)0.4 4.8 143 .7 (108) 7.4 133 133 (215) (23) 238 . 1.3 250 250 6.4 3.8 2.6 971 971 971 100) SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE TOTAL COST (BP-1100) TOTAL INSTALL COST PROCUREMENT (3010) FY90 871 KITS FY93 100 KITS FY94 250 KITS INSTALL KITS KITS NONRECUR CHANGE ORDERS FY95 133 KITS EQUIP NONREC EQUIPMENT DATA

INITIAL LEAD TIME -- 12 MONTHS METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

-- 12 MONTHS FOLLOW-ON LEAD TIME

(CONTINUED)	
	FV - 00
FACT SHEET; F-16 18503A WING BEEF-UP PROJECTED FINANCIAL PLAN (CONTINUED)	001

		FY-99 QTY	AMT	FY-00 QTY AMT	ı				0T VTQ	TO COMP QTY AMT	TOTAL QTY	AMT
RDT&E (3600) N/A	٠	i										
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY90 871 KITS FY94 250 KITS FY95 133 KITS) 							1354 871) 100) 250) 133)	
TOTAL INSTALL COST											1354	14.8
TOTAL COST (BP-1100)											1354	20.6
MILESTONES: CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	FY-89 4/90 1/91	FY-90 3/91 3/92	Y	FY-92	92 -	FY-93 1/93 1/94	FY-94 1/94 1/95	FY-95 1/95 1/96	96 - 1 - 1 - 1	FY-97	F - 1 - 8 8 1	
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 40 QUTPUT 40	FY-91 2 3 40 40 40 40	4 † 40 69 40 69	FY-92 2 3 70 70 70 70	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 74 74	FY-93 2 3 75 74 75 74	4 1 74 71 74 71	FY-94 2 3 70 67 70 67	4 27 27			
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 66 OUTPUT 66	Fγ-95 2 3 64 58 64 58	4 1 50 35 50 35	FY-96 2 3 46 62 46 62	4	- 00	FY-97 2 3	4					r <u>i</u>

AIRCRAFT FY 1996 PROGRAM P MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE

CLASS P-S IPTION/JUSTIFICATION: MODIFIES THE F100 ENGINE TO THE 220E CONFIGURATION. -220E INCLUDES THE CORE, GEAR PUMP AND DEEC CONTROL SYSTEM. IT WILL BE AN EQUIVALENT TO THE NEW PRODUCTION -220 ENGINE. MAINTENANCE BENEFITS INCLUDE NO ENGINE TRIM, AUTOMATED DIAGNOSTICS, 23% FEWER ORGANIZATIONAL SCHEDULED INSPECTIONS, 43% REDUCTION IN BASE MMH/EFH AND 86% INCREASED AVAILABILITY. SAFETY BENEFITS INCLUDE AVOIDANCE OF SIX CLASS A MISHAPS. OPERATIONAL BENEFITS INCLUDE 32% FASTER IDLE-TO-MAX TRANSIENT, NOMINAL 10% THRUST IMPROVEMENT, FULL ENVELOPE CAPABILITY. UNRESTRICTED THROTTLE MOVEMENT, AUTOMATIC SECONDARY CONTROL AND 225 KNOT AIR START CAPABILITY. MOD SAVES \$2.4B IN 08M COSTS. NO INSTALL \$'S NEEDED FYS92R95 AS MOD INCLUDED WITH ENG OVERHAUL. 27133F CLC F-16 ЬE F100-220E ENGINE UPGRADE, MN-19203A F-16-A/B/C MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO FY 1996 PRE

COMPLETE. DEVELOPMENT STATUS:

PROJECTED FINANCIAL F	PLAN									!	i	,	
	PRI	PRIOR	FΥ-	FY-94	FY-95	95	FY-96	-96	ΕΫ́		FY-98	98	
	QTY	AMT	QTY	QTY AMT	914	QTY AMT	QTY	QTY AMT	QTY	AMT	Δ1Λ 	AMT	
RDT&E (3600) N/A													
PROCUREMENT (3010) INSTALL KITS	170	170 155.9	41	33.2									
KITS NONRECUR													
EQUIP NONREC													
CHANGE ORDERS	•	е.											
DATA		2.5		1.2									
SIM/TRAINER				4.									
SUPPORT-EQUIP		3.3											
MOD OF SPARES		0.1											
TOOLING													

INITIAL LEAD TIME -- 12 MONTHS INSTALLATION METHOD OF IMPLEMENTATION:

4

170 170

TOTAL COST (BP-1100)

TOTAL INSTALL COST

4.2 166.9

(41)

4.2

115) 55)

INSTALLATION OF HARDWARE

FY92 115 KITS

FY93 55 KITS FY94 41 KITS

FOLLOW-ON LEAD TIME -- 12 MONTHS

TO COMP TOTAL QTY AMT QTY AMT		211 189.1		4. E. C. L.	(115) (55) 4.2 (41)	211 4.2			<u>- 2</u>		
											4 0 0
											ღ ი ი 9
											FΥ-96 2 9
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									96		.95 3 12 12
									<u>}</u>		FY-95 2 12 12
<u>⊨</u> !						!			-95		- 2 2
-00 AN						1			Ĺ.	i	4 & &
Q17						1 1			γ-94	/94 /95	FY-94 2 3 8 8 8 8
AMT						 			iL.	। संस	
1						i !			Y-93	/93 /94	~ ∞ ∞
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									γ-92	/92	FY-93 2 3 26 25 26 25
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	N/A				RDWARE	H	<u>_</u>	100))TR/FY))TR/FY)	HEDULE: 1 25 25
	RDT&E (3600) N	PROCUREMENT (3010) INSTALL KITS KITS KONRECUR	EQUIP NONREC CHANGE ORDERS	SIM/TRAINER SUPPORT-EQUIP MOD OF SPARES	TOOLING INSTALLATION OF HAI FY92 115 KITS FY93 55 KITS	FY94 41 KITS	TOTAL INSTALL CO	TOTAL COST (BP-1	MILESTONES:	CONTRACT-DATE (Q DELIVERY-DATE (Q	INSTALLATION SCHEDULE QUARTERS INPUT 21
	-99 FY-OO TOTAL AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY	FY-99 FY-00 TOTAL QTY AMT QTY	FY-99 FY-OO	FY-99 FY-00 QTY AMT QTY AMT	TO COMP TOTAL AM TOTY AMT QTY	N/A FY-99 FY-00 QTY AMT ATT ANDWARE	N/A N/A N/A N/A N/A N/A N/A N/A	FY-99 FY-00 QTY AMT QTY AMT QTY AMT 211 18 N/A S11 18 (115) (55) (55) (55) (55) (55) (55) (55)	FV-99	FY-99 FY-OO AMT OTY OTY OTY OTY OTY OTY OTY OTY OTY OT	N/A N/A N/A N/A N/A N/A N/A N/A

	APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE IFICATIONS, MN-99999Y CLC F-16 CLASS P-S	PE 27133F	FICATIONS ANCE OF		FY-98 T QTY AMT	
	T PROCUR	PE	ETY MODI I PERFORM		FΥ-97 QTY AMT	
	LOW COST ENGINE SAFETY MODIFICATIONS, MN-99999Y		PTION/JUSTIFICATION: THESE ARE LOW COST (UNDER \$900K EACH) ENGINE SAFETY MODIFICATION NECESSARY TO IMPROVE RELIABILITY, MAINTAINABILITY, SAFETY, AND MISSION PERFORMANCE OF ENGINES.			
4FT	PRIATIONS, MA		EACH) EI FETY, ANI		FY- QTY	
MODIFICATION OF AIRCRAFT FY 1996 PROGRAM	APPROF MODIFICA		ER \$900K LITY, SAI			1 1 1 1 1 1 1
CATION OF AIRCE FY 1996 PROGRAM	SAFETY		IST (UNDI ITAINABII			1 1 1 1 1 1 1 1 1
MODIFICA FY	r ENGINE	g/p	RE LOW CC ITY, MAIN			; 1 1 1 1 1
	.Soo MOT	F-16	THESE AL RELIABIL		PRIOR Y AMT	
	AND NO	NFFECTED	MPROVE R		PLAN PRIC QTY	t t t
95	TITLE A	RCRAFT A	/JUSTIFIC SARY TO 1 ES.	STATUS:	INANCIAL	A/N (OC
DATE 02/21/95	FY 1996 PRE MODIFICATION TITLE	MODELS OF AIRCRAFT AFFECTED F-16 C/D	DESCRIPTION/JUSTIFICATION: THESE ARE LOW COST (UNDER \$900K EACH) ENGINE SAFETY MODIFICATIONS NECESSARY TO IMPROVE RELIABILITY, MAINTAINABILITY, SAFETY, AND MISSION PERFORMANCE OF ENGINES.	DEVELOPMENT STATUS:	PROJECTED FINANCIAL	RDT&E (3600) N/A
						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

7. 7. FOLLOW-ON LEAD TIME -- OO MONTHS 5.0 2.0 1.5 7.5 ī. . تا METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- OO MONTHS ღ PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
ENGINES
INSTALLATION OF HARDWARE TOTAL INSTALL COST TOTAL COST (BP-1100)

16 99999Y LOW COST ENGINE SAFETY MODIFICATIONS	
NGINE SAFETY	
LOW COST E	(CONTINUED)
766666	PLAN
F-16	FINANCIAL
FACT SHEET; F-16	PROJECTED FINANCIAL PLAN

AMT FY-00 QTY A AMT FY-99 QTY AN

TOTAL QTY

TO COMP QTY AM

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
ENGINES
INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

FY-93 FY-92

FY-94

FY-95

FY-96

FY-97

5.4

FY-98

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

DATE 02/21/95

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE F110 DIGITAL ENGINE CONTROL (DEC), MN-173009 CLC F-16 CLASS P

DESCRIPTION/JUSTIFICATION: REPLACES THE EXISTING ANALOG AFT CONTROL WITH DIGITIAL ENGINE CONTROL (DEC). INCLUDES A VARIABLE STATOR VANE FAIL SAFE SYSTEM, THE ADDITION OF TWO BACKUP CONTROL MODES, AND THE ELIMINATION OF ENGINE-CAUSED AUTO ACCELS. MOD WILL IMPROVE SAFETY, RELIABILITY, SUPPORTABILITY, AND MAINTAINABILITY OF F110-100 ENGINE. SAVES 6 AIRCRAFT OVER REMAINING LIFE OF WEAPON SYSTEM. F110-100 DEC HARDWARE IS IDENTICAL TO BLOCK 50 DEC WHICH ASSISTS FIELD SUPPORTABILITY. TOTAL MOD COST IS \$251.9M, COST TO COMPLETE IS \$60.8M. TOTAL KIT QUANTITY IS \$11. KITS DELIVERED THROUGH FYOG. 27133F PE **BLOCK** 30/40 MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO FY 1996 PRE

DEVELOPMENT STATUS: DEVELOPMENT COMPLETE.

1		7							,								;	. 7	18.4	
98 AMT		17.7															1		18	ξ
FY-98 QTY		7.1								(32)	(96)						1 1 1	73	7.1	TNOW 1
7 AMT		17.7							4	ღ.							1 1 1	.7	18.4	E 46
FY-97 QTY AI		72							(42)	(36)							1 1 1	78	72	AD TIM
TM7		19.1	. 2					4	. T .								1 1 1 1 1 1	ت	20.0	FOLLOW-ON LEAD TIME 14 MONTHS
FY-96 QTY /		73						(43)	(4)								!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	17	73	FOLLO
5 AMT		8. 8.															1 1 1	•	9.8	TEAM
FY-95 QTY		46															! !		46	DEPOT/FIELD 14 MONTHS
AMT		2.9		2.3	9.	.7											 		8.0	- DEPOT - 14 MO
FY-94 QTY ,		6															! ! !		13	TION
AMT		0.4			1.2	го		<u>ن</u>									 	ī.	6.2	ON: INSTALLATION INITIAL LEAD TIME
N PRIOR OTY	1	22						22)] ; ;	22	22	ON: IN
PROJECTED FINANCIAL PLAN	RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	EQUIP NONREC CHANGE ORDERS DATA	SIM/TRAINER SUPPORT-EQUIP	TC1GT TEST	EMSC UPGRADE	INSTALLATION OF HARDWARE	FY93 22 KITS (FY94 13 KITS FY95 46 KITS	FY96 73 KITS	FY97 72 KITS	FY98 71 KITS	FY99 72 KITS	FYCO /O KITS	FY02 101 KITS	FYO3 102 KITS		TOTAL INSTALL COST	TOTAL COST (BP-1100)	METHOD OF IMPLEMENTATION: INIT

PAGE 133

FACT SHEET; F-16 173009 F110 DIGITAL ENGINE CONTROL (DEC) PROJECTED FINANCIAL PLAN (CONTINUED)

PROJECTED FINANCIAL PLAN	(CON TROED)	OED)											1		
		FΥ-9 Υ	9 AMT	FY-00 QTY A	O AMT						0T YTQ	TO COMP TY AMT	QTY	:	AMT
RDT&E (3600) N/A			1 ! !												
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS		72	48.0	70	29.3						19.7	7 58.8		636 1.	1.5
DATA SIM/TRAINER SUPPORT-EQUIP FLIGHT TEST TO'S EMSC UPGRADE															2 8 8
INSTALLATION OF HARDWARE FY93 22 KITS FY95 46 KITS													(13 (14 (73	3333	ល់ 4 ល់ ល់
		(38)	4 · · ·	(36)	ບ ທ						(36) (70) (48)	-	. 5(72) . 5(71) . 8(72) . 0(48)	3) 3) 8)	0000
FY03 102 KITS FY04 86 KITS		; ; ;	 	t 1 1 1	 						1	 	1	1 1	- 1
TOTAL INSTALL COST		7	ი.	72	1.0						-				9
TOTAL COST (BP-1100)		72	18.9	70	30.3						-	197 61.1		636 1	94.1
MILESTONES:	FY-93	FY-94	<u>н</u>	FY-95	FY-96	(0)	FY-97	FY-98	86	FY-99	FY~00	FY-01		FY-02	• <u>.</u>
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	3/95 3/95 3/96	1/96	3/	3/95 3/96	1/96		1/97 1/98	1/98 1/99	ထတ	1/99	1/00	1/01		1/02 1/03	
INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	FY-96 2 3 18 18	21 21 21 21	7,22	-97 3 18 18	4 8 E	+ 8t 18 8t	FY-98 2 3 19 18 19 18	4 8 8	+ 8 + 8	FY-99 2 3 18 17 18 17	4 & & E				
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 18 OUTPUT 18	FY-00 2 3 18 18 18 18	4 18 18 18 18 18 18 18 18 18 18 18 18 18	F2 2 48 48 48 48 48 48 48 48 48 48 48 48 48	-01 3 17 17	4 t 8 t	1-7-	FY-02 2 3 18 24 18 24	24 24 24							
INSTALLATION SCHEDULE: QUARTERS	FY-03 2 3	4	F.Y-	-04	4	-	FΥ-05 2 3	4							

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	24 24

26

INPUT OUTPUT

OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

ANN-19229E CLC F-16 CLASS P CLC F-16

MAINTAINABILITY BY ACCELERATING F-16/F10O-PW-229 ENGINE MATURATION. THIS WILL BE ACCOMPLISHED MAINTAINABILITY BY ACCELERATING F-16/F10O-PW-229 ENGINE MATURATION. THIS WILL BE ACCOMPLISHED DESIGN IMPROVEMENTS, EARLY IDENTIFICATION OF PROBLEMS, AND AUGMENTED FIELD SUPPORT. THE DESIGN IMPROVEMENT PORTION OF FALCON 229 IS COMPRISED OF FOUR BLOCKS, PHASED TO COINCIDE WITH THE 4TH STAGE BLADE RETROFITS. EACH BLOCK CONSISTS OF DIFFERENT TASKS, CONSEQUENTLY THE COST VARIES BETWEEN BLOCKS. INCORPORATION OF ALL THE TASKS WILL REDUCE THE IN-FLIGHT SHUT DOWN RATE TO 2/100,000 ENGINE FLIGHT HOURS. THIS MEANS SIX AIRCRAFT AND POSSIBLY CREWS WILL BE SAVED EVERY 100,000 FLEET HOURS. INSTALLATION IS A COMBINATION OF DEPOT/ORGANIZATIONAL LEVEL. 27133F PE FALCON 229 ENGINE UPGRADE, MN-19229E BLOCK 52 MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: FY 1996 PRE MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: MOD INCLUDES NUMEROUS ENGINE ECPS.

PROJECTED FINANCIAL PLAN	'N PRIOR QTY AMT	FY-94 QTY	34 AMT	FΥ-95 QTY /	5 AMT	FY-96 QTY /	96 AMT	FY-97 QTY A	97 AMT	FY-98 QTY	38 AMT
		i i ! !	1.4	! ! ! !	3.0	 	1.1	! ! !	1.0	, 1 1 1 1	
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR		726	3.1	820	ນ	522	3.5	209	4.1	298	2.0
EQUIPMENT EQUIP NONREC CHANGE ORDERS							2.1 1.1		1.1		0.1
SIM/TRAINER SUPPORT-EQUIP			2.3		თ.		₹.				
INSTALLATION OF HARDWARE FY94 726 KITS FY95 820 KITS				(644)	ω.	.8 (82) (562)	. .	(258)	4.6	(136)	₩.
FY96 522 KITS FY97 209 KITS FY98 298 KITS) I - 1 !	(209)	ω 4 I
TOTAL INSTALL COST	1 1	 	 	644	. 8	644	1.5		б.	643	ω.
TOTAL COST (BP-1100)		726	5.4	820	7.2	522	7.1	209	3.7	298	4.2
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT/FIELD TEAM INITIAL LEAD TIME 2 MONTHS	ON: INSTALLATION DEPOT/FIEL INITIAL LEAD TIME 2 MONTHS	ATION -	- DEPOT	/FIELD	TEAM	FOLLO	FOLLOW-ON LEAD TIME 12 MONTHS	EAD TIN	E -: 13	2 MONTH	S

ENGINE UPGRADE	
ENGINE	
: FALCON 229 E	(CONTINUED)
19229E	- PLAN
FACT SHEET; F-16	PROJECTED FINANCIAL

		FΥ-99 QTΥ /	FY-00 AMT QTY AM	-00 AMT						TQ COMP	7TQ	į	AMT
RDT&E (3600)		1 1 1 1 1	!	 						 			6.5
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR											25	2575	15.5
EQUIPMENT EQUIP NONREC CHANGE ORDERS				·									£.4.
DAIA SIM/TRAINER SUPPORT-EQUIP													3.3
INSTALLATION OF HARDWARE FY94 726 KITS FY95 820 KITS FY96 522 KITS											(726) (820) (522) (209)	(2)	1.0 1.7 6.
FY97 209 KITS FY98 298 KITS		1 1 1 1 1	! ! ! !	 1 1 1						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	, 298	-	4.1
TOTAL INSTALL COST			! !								25	2575	4.0
TOTAL COST (BP-1100)											25	2575	27.6
MILESTONES:	FY-94	FY-95	FY-96	FY-97	FY-98								
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	4/94 1/95	2/95 2/96	2/96 2/97	2/97 2/98	2/98 2/98								
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 161	FY-95 2 3 161 161 161 161	4 1 161 161 161	FY-96 2 3 214 215	4 1 215 215 215	FY-97 2 3 214 215	215 215	1 215	FY-98 2 3 214 214 214	3 4 4 215 4 214				
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 215	FY-99 2 3	4											

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DATE 02/21/95

OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

DESCRIPTION/JUSTIFICATION: THIS RETROFIT REPLACES THE ALR-69 ON THE F-16 WITH AN ADVANCED RADAR WARNING RECEIVER (ARWR) SET (ALR-56M). THE RWR WILL PROVIDE INCREASED DETECTION RANGE. INCREASED SPEED AND ACCURACY FOR DENSE THREAT ENVIRONMENTS. IT WILL ALSO IDENTIFY NEW THREATS. SUPPORT EQUIPMENT, TRAINERS AND DATA WILL BE PROVIDED BY PRODUCTION PROGRAM. 190 GROUP A KITS PURCHASED IN FY89 FOR \$3.2M. APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE RADAR WARNING RECEIVER UPDATE PROGRAM, MN-3088 CLC F-16 CLASS P PE 27133F F-16C/D BLK 40 MODELS OF AIRCRAFT AFFECTED FY 1996 PRE MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: COMPLETE.

ROJECTED FINANCIAL	. PLAN	00100	<u>,</u>	FY-94	FY-95	95	Fγ-96	96	FY-97	97	FY-98	98	
	2	1	- ;			T V V	> T C	±W.√	> TO	ΔMT	ΩTΥ	TWY AMT OTY AMT OTY AMT OTY AMT	
-	7±0	QTY AMT	<u>></u>	AMI	<u>-</u>	AM	-				1	1	
	 t		; ; ;	1	 	1 1 1 1 1	1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1	: 		

RDT&E (3600) N/A

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					.4 (16)	49		MONT
					4		4.	15
					.4 (49)	49		FOLLOW-ON LEAD TIME 15 MONTHS
					4.	4.	4.	-ON LE
					.4 (49)	27 . 4 49 . 4 49 . 4 49 4 49 4 49 4		FOLLOW-
	26.6			8.1		4.	35.1	
	(23)				.4 (49)	. 4 49		THS
101 1.2	83.4 (22) 10.4 (59)			1.8		4.	13.8	DEPOT 24 MON
101	(22)				(27)	27	94.4 101 13.8	TION
	83.4			11.0			94.4	ON: INSTALLATION DEPOT INITIAL LEAD TIME 24 MONTHS
PROCUREMENT (3010) INSTALL KITS	KITS NONRECUR EQUIPMENT	EQUIP NONREC CHANGE ORDERS DATA	SIM/TRAINER SUPPORT-EQUIP	90 MOD INSTAL	INSTALLATION OF HARDWARE FY90 190 KITS	COST	TOTAL COST (BP-1100)	METHOD OF IMPLEMENTATION: INSTALLATION DEPOT INITIAL LEAD TIME 24 MON

RADAR WARNING RECEIVER UPDATE PROGRAM (CONTINUED)

FACT SHEET; F-16 3088 PROJECTED FINANCIAL PLAN

(CONTINUED)

		FY-99 QTY /	AMT QT	FY-00 'Y AMT				T0 VT0	TO COMP QTY AMT	TOTAL QTY	AMT
RDT&E (3600) N/A											
PROCUREMENT (3010) INSTALL KITS										101	1.2
KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE, ORDERS											120.4
DATA ' SIM/TRAINER SUPPORT-EQUIP											
90 MOD INSTAL INTEGRATION											20.9
INSTALLATION OF HARDWARE FY90 190 KITS FY94 101 KITS								1		190)	1.8
TOTAL INSTALL COST		39	4.	t t t 1 1						262	2.5
TOTAL COST (BP-1100)			4.							101	145.0
MILESTONES:	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	 	2/90	4/91.	1/93	3/94 4/95	2/95 3/96	 				
INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	FY-94 2 3 8 9	4 0 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	FY~95 2 3 12 12	4 4 12 12 12 12 12 12 12 12 12 12 12 12 12	FY-96 2 3 12 12 12 12	4 4 13 12 12 12 12	FY-97 2 3 12 12 12 12	4 E E			
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 12 OUTPUT 12	FY-98 2 3 12 12 12 12	4 1 13 13 13 13	FY-99 2 13 13 13 13	4							

FY 1996 PRE

AIRCRAFT ICATION OF AIRC FY 1996 PROGRAM MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLASS P

NAVSTAR GPS, MN-3150M

IPTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) PROVIDES USER EQUIPMENT FOR F-16 BLK 25/30/32 AIRCRAFT TO COMPUTE PLATFORM POSITION/VELOCITY AS WELL AS AID COMPUTATION OF STEERING VECTORS TO TARGET LOCATIONS. THIS AVIONICS MOD WILL INSTALL THE EMBEDDED GPS/INS (EGI) HAT COMBINES A RING LASER GYRO INS, A GEM III GPS RECEIVER CARD AND A MASTER KALMAN NAVIGATION FILTER IN A SINGLE LRU. EXISTING RLG/INUS IN THE BLOCK 25/30/32 A/C REMOVED AS A RESULT OF THIS MOD WILL BE INSTALLED IN BLOCK 40/50 A-C AIRCRAFT (WHICH ARE EQUIPPED WITH LN-39 MECHANICAL INUS. NO FUNDING FOR A/C OFP DEVELOPMENT IS INCLUDED AS INTEGRATION IS ASSUMED TO OCCUR IN 27133F PE F-16C/D BLK 25/30/32 MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO

PPMENT STATUS: CONTRACT FOR PRODUCTION OF EGI INTEGRATION UNITS AWARDED 2/94. INTEGRATION RISK REDUCTION BEING PERFORMED UNDER JOINT 00-ALC/LFWC STUDY. DEPOT INSTALLATION ACCOMPLISHED IN CONJUNCTION WITH FALCON-UP (TO MAXIMUM EXTENT POSSIBLE). DEVELOPMENT STATUS:

PROJECTED FINANCIAL PL	PLAN PRIOR QTY	OR	FY-95 QTY	.95 AMT	FY-96 QTY /	96 AMT	FY-97 QTY	AMT	FY-98 QTY AN	98 AMT	FY-99 QTY	99 AMT	
RDT&E (3600)	 	E.	1 1 1 1	1.5	 	13.0		8.0					
PROCUREMENT (3010) INSTALL KITS							124	3.7	248	7.5	245	7.5	
KITS NONRECUR EQUIPMENT							(124)	22.4	2.0 22.1 (248)	45.1	(245)	42.3	
EQUIP NONREC CHANGE ORDERS								2.0		. 0.1			
DATA SIM/TRAINER								0.4		2.0		u	
SUPPORT-EQUIP COM AVIONCS										ů.		n.	
SOFTWARE INSTALLATION OF HARDWARE	111				•				(20)	c			
FY97 124 KITS FY98 248 KITS									(124)	0.0	(248)	15.6	
FY99 245 KITS		; ; ;	; ! !	 	1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	! ! . !	1 1 1 1 1	 		1	1 1 1	
TOTAL INSTALL COST	 								124	3.8	248	15.6	
TOTAL COST (BP-1100)							124	36.8	248	62.9	245	62.9	
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT INITIAL LEAD TIME 12 MONTHS	ION: INITIA	INSTALLA AL LEAD	TION	DEPOT	NTHS		FOLLO	W-ON LE	AD TIM	FOLLOW-ON LEAD TIME 12	MONTHS	v	

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(CONTINUED)	TO COMP TOTAL QTY AMT	22.8	617 18.7 3.0 109.5 1.5 3.0 3.0	, w	(124) 3.8 (248) 15.6 (245) 15.6	617 35.0	617 185.8	00		
(CONT)								FY-00		
								FY-99	3/88 3/00	8 8 8 4 8 9 9 4
								FY-98	3/38 3/38	FY-00 2 3 62 62 62 62
	AMT	; ;				! !		FY-97	3/97 3/98	4 1 2 5 6 2 5 6 2 6 2 6 2 6 2 6 2 6 2 6 2 6
) FY-01 AMT QTY A			6. 6 	ນ . ດ	5.6	.0.2	F Y - 96		FY-99 2 3 4 62 62 62 62 62 62
NAVSTAR GPS ONTINUED)	FY-00 QTY A	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			_	245 1	6	FY-95		4 4 62 62 62
၁								FY-94		FY-98 2 3 62 62
FACT SHEET; F-16 315OM PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS	SIM/TRAINER SUPPORT-EQUIP COM AVIONCS SOFTWARE	INSTALLATION OF HARDWARE FY97, 124 KITS FY98, 248 KITS FY99, 245 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

*** UNCLASSIFIED

OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE OPERATIONAL CAPABILITY UPGRADE (OCU), MN-3250 CLC F-16 CLASS P

HARNESS, DATA TRANSFER UNIT (DTU), AND COMBINED ALTITUDE RADAR ALTIMETER (CARA) TO BLOCK 10/15, HARNESS, DATA TRANSFER UNIT (DTU), AND COMBINED ALTITUDE RADAR ALTIMETER (CARA) TO BLOCK 10/15, F-164/B AIRCRAFT. EXPANDED COMPUTER CAPABILITY IS PROVIDED BY A STRAIGHTFORWARD MODIFICATION TO INCREASE MEMORY AND THROUGHPUT IN THE FIRE CONTROL COMPUTER AND CENTRAL INTERFACE UNIT AND IS REQUIRED FOR CONTINUED FLEXIBILITY AND EXTENDED UTILITY OF THE F-16A/B THROUGH THE 1990'S. THE EXPANDED CAPACITY IS ESSENTIAL FOR INCORPORATION OF ANY NEW OR IMPROVED DELIVERY MODES, WEAPONS (QUIDED OR BALLISTIC), OR AVIONICS SUBSYSTEMS (DTU, CARA, ETC). DTU AND CARA ARE REQUIRED FOR REDUCED PILCT WORKLOAD AND INCREASED LOW ALTITUDE SAFETY, RESPECTIVELY. 27133F PE F-16 A/B-BLOCK 10/15 MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO FY 1996 PRE

PMENT STATUS: COMPLETE. ACFT BREAKOUT: 313 ANG, 55 AFRES, 332 ACTIVE. INSTALLATION IN FY90-95 FUNDED BY FY90 CLC: MODIFICATION INSTALLATION DEVELOPMENT STATUS:

FY-98 QTY AMTFY-97 QT۷ AMT FY-96 QTY AMT FY-95 OΤV AMT PROJECTED FINANCIAL PLAN

PI QTY
ı
PROCUREMENT (3010) INSTALL KITS
HARDWARE

42	909	COST	TOTAL INSTALL
	1 1 1		
(42)	(99	-	FY89 156 KITS
	234)	_	FY88 234 KITS
	234)	_	FY87 234 KITS
	72)	_	FY86 72 KITS
		HARDWARE	INSTALLATION OF
2.5			SIG PROCESSOR

DEPOT 2.7 1 METHOD OF IMPLEMENTATION: INSTALLATION 196.9 700 TOTAL COST (BP-1100)

2.7

INITIAL LEAD TIME -- 21 MONTHS

FOLLOW-ON LEAD TIME -- 21 MONTHS

	AMT	35.9	131.2 20.5	2.0 9.0 1.1 2.4 5.5	2.7	2.7	199.6					
	TOTAL QTY AN		696 10		72) 234) 234) 108)	648	700	FY-94				
	9 1							.				
	TO COMP							FY-93				
	70 VTV				ļ			FY-92		28 27		
(CONTINUED)								FY-91		-89 3 27 27		
(col								ш. 1		FY 2 27 13		
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								FY-90		4 6 6	4 28 27	4
								0 1		£ 2 8	3 27 25	Ф
_								FY-89	1/89 4/90	FY-88 2 18 18	FY-92 2 25 13	FY-95 2 48
(000)								ω ι		- 8	1 13 43	+ 8 8
PABILITY UPGRADE	O AMT				•	1 1 1 1		FY-88	1/88	4	4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 8 5
P	FY-00 QTY					1		7	ı	m	6 4 4 6 4 4	_ e हो हो
ABILIT	'] 		FY-87	1/87	FΥ-87 2 2	FΥ-91 2 44 38	FΥ-94 2 15
- CAF	FY-99 'Y AMT	 				1		9	ı	-	38 32	- 4 0
OPERATIONAL CA ONTINUED)	FY- OTY	l i i i i				1 1 1		FY-86	2/86 1/88	4	4 3 8 4 3 8	4 0 8
OPERATION (CONTINUED)								FY-85	1/85 2/87	86 223	90 3 43 35	က ဆ မ က က
								۴Y	2/2	FY-86 2	FY-90 2 35 37	FY-93 2 6
6 3250 IAL PLAN					HARDWARE	ST.	100)		(QTR/FY): (QTR/FY):	HEDULE:	HEDULE: 1 37 28	HEDULE: 1 4 28
FACT SHEET; F-16 PROJECTED FINANCIAL		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT FOULP NONREC	CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP AND OF SPARES SIG PROCESSOR	INSTALLATION OF HA FY86 72 KITS FY87 234 KITS FY88 234 KITS FY89 156 KITS	INSTALL COST	COST (BP-1100)	TONES:	CONTRACT-DATE (Q DELIVERY-DATE (Q	INSTALLATION SCHEDULE QUARTERS , INPUT ,	INSTALLATION SCHEDULE QUARTERS INPUT 3	INSTALLATION SCHEDULE QUARTERS INPUT OUTPUT 23
FACT S PROJEC		RDT&	PROCUREMENT INSTALL K KITS NONR EQUIPMENT	CHANGE ORDE DATA SIM/TRAINER SUPPORT-EQU MOD OF SPAR SIG PROCESS	INSTALLA FY86 7 FY87 2 FY87 2 FY88 2 FY88 2	TOTAL	TOŢAL	MILESTONES	CONTR, DELIVA	INSTA	INSTA	INSTA

*** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE NN-3393 CLC F-16 CLASS P

B40 W/B50 WHEELS/BRAKES, MN-3393

DESCRIPTION/JUSTIFICATION: RETROFIT OF BLOCK 50 (BF GOODRICH) WHEELS AND BRAKES INTO THE BLOCK 40 FLEET DUE TO SUPPORTABILITY CONCERNS. POSSIBLE GROUNDING OF BLOCK 40 AIRCRAFT DUE TO NONAVAILABILITY OF BRAKES/WHEELS. BLOCK 40 MODELS OF AIRCRAFT AFFECTED FY 1996 PRE MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: BLOCK 40 WHEELS AND BRAKES BECOMING UNSUPPORTABLE.

AMT FY-98 QTY AMT FY-97 AMT FY-96 QTY AMT QTY AMT FY-94 QΤ AMT PRIOR QΤΥ PROJECTED FINANCIAL PLAN

RDT&E (3600) N/A

PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT
EQUIP NONREC
CHANGE ORDERS DATA

2.2

SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

FOLLOW-ON LEAD TIME -- 6 METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- 6 MONTHS

MONTHS

-

	TO COMP TOTAL QTY AMT QTY		
(CONTINUED)			
B4O W/B5O WHEELS/BRAKES (CONTINUED)	FY-99 FY-00 QTY AMT QTY AMT		
FACT SHEET; F-16 3393 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE TOTAL COST (BP-1100)

2.2

AMT

2.2

FY-98

FY-97

FY-96

FY-95

FY-94

MILESTONES:

CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY): INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

ICATION OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC F-16 CLASS P

ALE-47, MN-3450 · FY 1996 PRE MODIFICATION TITLE AND NO

DESCRIPTION/JUSTIFICATION: RETROFITS THE F-16C/D BLK 40/50 WITH ALE-47 AUTOMATIC/SEMI-AUTOMATIC FLARE/CHAFF DISPENSING SYSTEM. PROVIDES MUCH GREATER SURVIVABILITY DUE TO THE ABILITY TO PROVIDE COMPATIBLE FLARE/CHAFF RESPONSES TRIGGERED BY ON-BOARD SENSORS RATHER THAN BY THE PILOT THROUGH PREPLANNED AND PREPROGRAMMED DISPENSER LOADS. PE 27133F F-16C/D MODELS OF AIRCRAFT AFFECTED

DEVELOPMENT STATUS: COMPLETE.
AND 472 ACTIVE. (BLK 40, 188 ANG AND 261 ACTIVE; BLK 50, 18 ANG AND 211 ACTIVE) MOD
INSTALLATION COMPLETES IN FY02, INSTALLING 61 KITS FOR \$.5M.

8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 +	4	- · !	ت	6.2	
84	(67)		84	84	MONTHS
	4	1 1 1	ت	ت	- 24
	(71)	1 1 1 1	84		FOLLOW-ON LEAD TIME 24 MONTHS
E + 4 + 0	4. . .	! ! ! !	છ.	5.6	1-0N LE/
84	(71) (13)	 	84	84	FOLLOW
	r.	!		5.5	TEAM
80	(36)		1 1 1 1 1	80	/FIELD NTHS
	ώ.		1 1 1 1	5.0	- DEPOT - 24 MO
84	(36)		: 1 1 1	84	TION
7 6 6 6	o. a.e.		6.	16.2	STALLA LEAD
201	93) 37)		130	201	ON: INITIAL
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA	SIM/IKAINEK SUPPORT-EQUIP INSTALLATION OF HARDWARE FY92 93 KITS FY93 108 KITS FY94 84 KITS FY95 80 KITS	FY96 84 KITS FY98 84 KITS FY99 84 KITS FY09 61 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	METHOD OF IMPLEMENTATION: INSTALLATION DEPOT/FIELD TEAM INITIAL LEAD TIME 24 MONTHS

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265

FACT SHEET; F-16 3450 PROJECTED FINANCIAL PLAN

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC

DATA

ALE-47 (CONTINUED)	47 NUED)										(CONT	(CONTINUED)		
	FY-99 QTY A	96- 4	E I	FY-00 QTY A	OO AMT						,		710 717	T0 CC
	84			61)		6. ± 80 ± 10								
	(67)	_	ღ.	(84)		го							(84)	<u> </u>
		1		84	.	ا ت							i	84
	84		5.1	61	4.3	e e								
FY-92 4/92	FY-93	6 . 8	¥ 1 4	FY-94 4/94	FY-95 4/95	FY-95 4/95	FY-96 +	FY-96 4/96	Υ -	FY-97 4/97	FY-98 	FY-98 4/98	FY-99 4/99	
2/94	4/95	ıa	4	9	4	÷	4	o O	7	0	ŕ	3	-) }	
Y-94 2 3 7 18 7 18	4 1 7 7	21 7 7	FY-95 2 21 21	.95 3 21	212	212	FY-96 2 21 21	36 3 21 21	21 4	22	FY-97 2 21 21	37 21 21	21 4	
Y-98 2 3 11 21	4 1 2 4	2 2 2	FY-21	-99 3 21 21	444	- 4 4	F	-00 3 21 21	4 1 2 2					
γ-01 2 3 21 21 21 21	4 7 7 7	2 2 4	F. 20	-02 3 20 20	4									

SIM'TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE
FY92 93 KITS
FY93 108 KITS
FY95 80 KITS
FY96 84 KITS
FY97 00 KITS
FY98 84 KITS
FY99 84 KITS
FY99 84 KITS

3.7 48.9

617 678

ιυ. ις. FY-01

FY-00

4/004/02

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84) 84)

.5

29.6 29.6 59.8 7.8

678

AMT

TOTAL QTY

AMT

COMP

-

0 7 5 5 4

93) 108) 84) 80) 84)

266

21

INSTALLATION SCHEDULE:
QUARTERS
INPUT
OUTPUT
21

FY-01

FY-94

INSTALLATION SCHEDULE: QUARTERS 1

INPUT OUTPUT

FY-98

INSTALLATION SCHEDULE:
QUARTERS 1
INPUT 21
OUTPUT 21

TOTAL COST (BP-1100)

MILESTONES:

TOTAL INSTALL COST

4/92 2/94

CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

AIRCRAFT ICATION OF AIRC FY 1996 PROGRAM MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE ON, MN-4260 JOINT DIRECT ATTACK MUNITION, MN-4260

DESCRIPTION/JUSTIFICATION: THESE FUNDS ARE FOR THE INTEGRATION AND SPECIAL WEAPONS AIRCRAFT SUPPORT REQUIREMENTS FOR THE JOINT DIRECT ATTACK MUNITION (JDAM) FOR THE BLOCK 50/52 AND BLOCK 40/42 AIRCRAFT. FAILURE TO INTEGRATE JDAM INTO THE F-16 INVENTORY REDUCES THE ABILITY TO TAKE ADVANTAGE OF THE INCREASED ACCURACY AND STAND-OFF CAPABILITIES OF THESE GENERATION WEAPONS. PE 27133F F-16 C/D MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO FY 1996 PRE

DEVELOPMENT STATUS: AF/F-16 (JDAM) RDT&E EFFORT IS FUNDED BY THE JDAM SYSTEM PROGRAM OFFICE AT EGLIN AFB. THIS IS AN UPGRADE TO THE COMPUTER AND WILL BE INTEGRATED AT BASE LEVEL.

125 2.9 125 2.8 125 -. e. -. 7.4 INSTALLATION OF HARDWARE RDT&E (3600) N/A PROCUREMENT (3010) INSTALL KITS KITS NONRECUR CHANGE ORDERS SUPPORT-EQUIP EQUIP NONREC SIM/TRAINER INTEGRATION EQUIPMENT SOFTWARE DATA

2.9

125 თ 4.2 125 TOTAL COST (8P-1100) TOTAL INSTALL COST

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- 24 MONTHS

FOLLOW-ON LEAD TIME -- 18 MONTHS

2.9

	TO COMP TOTAL QTY AMT QTY AMT		462 10.7	+ 60 5	7,5			462 26.8		
(CONTINUED)										
									FY-99	3/99 3/01
TION	-00 AMT			·					FY-98	3/00
JOINT DIRECT ATTACK MUNITION (CONTINUED)	9 FY-00 AMT QTY AM		2. 1.	•		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		2.1	FY-97	3/99
NT DIRECT . INUED)	FY-99 QTY AM		87			1 1 1 1		87	FY~96	3/96
									FY-95	\$
FACT SHEET; F-16 4260 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR	EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER	SUPPORT-EQUIP INTEGRATION SOFTWARE	INSTALLATION OF TANDWARE	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

DATE 02/21/95

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLO38 DESCRIPTION/JUSTIFICATION: MODIFICATION PAYS FOR DEVELOPMENT OF ANTI-SKID ALGORITHM. CURRENT ALGORITHM WAS DEVELOPED FOR THE F-111. THIS NEW ALGORITHM WILL DECREASE BRAKE/TIME WEAR AND REPLACEMENT. IN ADDITION, THIS MOD WILL PAY FOR ITSELF IN ONE YEAR. PE 27133F ANTI-SKID ALGORITHM, MN-50003B F-16A/B/C/D MODELS OF AIRCRAFT AFFECTED FY 1996 PRE MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: COMPLETE.

AMTFY-98 AM⊤ FY-97 ٩T٧ ΔMΤ FY-96 QT۲ AMT FY-95 QTY AMT FY-94 QΤΥ AMT PRIOR ٥T PROJECTED FINANCIAL PLAN

RDT&E (3600) N/A

PROCUREMENT (3010) INSTALL KITS KITS NONRECUR CHANGE ORDERS SIM/TRAINER SUPPORT-EQUIP EQUIP NONREC EQUIPMENT DATA

». «

2.3

450

2.5

TOTAL INSTALL COST

INSTALLATION OF HARDWARE

TOTAL COST (BP-1100)

2.3 2.5 0.

FOLLOW-ON LEAD TIME -- 10 MONTHS METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- 17 MONTHS

FACT SHEET; F-16 50003B ANTI-SKID ALGORITHM PROJECTED FINANCIAL PLAN ' (CONTINUED)

(CONTINUED)

		FY-99 QTY A	FY-00 AMT QTY AM	OO AMT		TO COMP QTY AMT	TOTAL QTY	AMT
RDT&E (3600) N/A								
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR							006	4.8
EQUIPMENI EQUIP NONREC CHANGE: ORDERS DATA								8. 4.
SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE		1	 	! ! ! ! !			1 1	
TOTAL INSTALL COST								
TOTAL COST (BP-1100)							006	5.8
MILESTONES:	FY - 96	FY-97	FY-98	F Y - 1	FY-00			
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):								

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE 623338B CLC F-16 CLASS P

MAIN AIRCRAFT BATTERY, MN-52338B MODIFICATION TITLE AND NO FY 1996 PRE

IPTION/JUSTIFICATION: THE MAIN NICAD BATTERY HAS ONE OF THE LOWEST MTBFS FOR AN F-16 LRU.
BATTERY AND CHARGING SYSTEM MUST BE EXTREMELY RELIABLE AND CAPABLE OF PERFORMING UNDER ALL OPERATING CONDITIONS TO INSURE SAFETY OF FLIGHT. THIS MODIFICATION WOULD SUBSTANTIALLY INCREASE SYSTEM RELIABILITY AND REDUCE SUPPORT COSTS. CHANGE WAS MADE ON THE F-18 AND BATTERY MTBF INCREASED 78.5 TO 3268 HOURS AND MTBMA 24.2 TO 418.6 HOURS. REMOVALS PER 1000 FLIGHT HOURS DECREASED 26.6 TO 1.5 AND MMH/1000 FLYING HOURS (FH) 168.9 TO 20. SIMILAR F-16 IMPROVEMENTS EXPECTED. STATISTICS FOR THE F-16 BATTERY ARE 118 HOURS MTBF, 160 HOURS MTBMA, 6.7 REMOVALS/1000 FH, AND 183 MMH/100 FH. PE 27133F F16C/D (PREBLC 40) MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION:

COMPLETE. AIRCRAFT BREAKOUT: (314 ANG, 84 AFRES; 245 ACTIVE) DEVELOPMENT STATUS:

AMT AMT FY-97 QTY AMT AMT . QTY FY-95 OΤV AMT ΔT AMT PRIOR ΔT PROJECTED FINANCIAL PLAN

RDT&E (3600) N/A

PROCUREMENT (3010) INSTALL KITS KITS NONRECUR CHANGE ORDERS EQUIP NONREC SIM/TRAINER EQUIPMENT DATA

8.6

<u>ත</u>

241

8.6

TOTAL COST (BP-1100)

SUPPORT-EQUIP INSTALLATION OF HARDWARE

TOTAL INSTALL COST

5.3 150 3.2 d

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

	TO COMP TOTAL QTY AMT QTY AMT		643 23.0			643 26.0			
(CONTINUED)							FY-02		
							FY-01	1/01	4
							FY-00		FY-00 2 3
	O AMT		6	! !		1.8	F Y - 99	2/99 2/00	4
ВАТ	FY-00 AMT QTY AN		7.1 50	1		7.1 50	FY-98	2/98 2/99	FY-99 2 3
AIRCRAFT JUED)	FY-99 QTY AM	! !	200			200	FY-97	2/97 2/98	4
338B MAIN (CONTIN							FY-96	4/96 4/97	FY-98
FACT SHEET; F-16 52338B, MAIN AIRCRAFT PROJECTED FINANCIAL PLAN (CONTINUED)		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE, ORDERS DATA SIM/TRAINER	SUPPORT-EQUIP	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

DATE 02/21/95

OF AIRCRAFT MODIFICATION

FY 1996 PROGRAM

NAME OF THE PROCUREMENT, AIR FORCE NAME OF THE CLASS POLICE F-16 CLASS P

IMPROVED MAIN FUEL SHUTOFF VALVE, MN-53U945

DESCRIPTION/JUSTIFICATION: AFTER AN EXHAUSTIVE INVESTIGATION INTO CAUSES OF UNCOMMANDED THRUST LOSS
OF THE F-16, IT WAS DETERMINED THAT SEVERAL CHANGES TO THE MFSOV WOULD BE REQUIRED TO REDUCE/
ELIMINATE THE POTENTIAL FOR UNCOMMANDED THRUST LOSS DUE TO MFSOV CLOSURES. THIS IMPROVED VALVE
WOULD ELIMINATE VALVE MOVEMENT TOWARD THE CLOSED POSITION IN THE EVENT OF ELECTRICAL POWER LOSS PE 27133F CLC F-16 F-16 A/B/C/D MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO FY 1996 PRE

DEVELOPMENT STATUS:

AMT FY-98 AMT FY-97 QTY AMT FY-96 QTY AMT FY-95 ΩT AMT FY-94 DEVELOPMENT COMPLETE QT. AMT PRIOR QΤΥ PROJECTED FINANCIAL PLAN OR MOTOR FAILURE.

PROCUREMENT (3010) INSTALL KITS KITS NONRECUR CHANGE ORDERS SUPPORT-EQUIP FROM FY94 FOR EQUIPMENT EQUIP NONREC \$3.9M TAKEN SIM/TRAINER DATA

RDT&E (3600) N/A

ď

3.2

625

3.2

625

2.7

530

TOTAL INSTALL COST

FY94 SBR INSTALLATION OF HARDWARE

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE

MONTHS FOLLOW-ON LEAD TIME -- 6

3.2

625

3.2

2.9

530

INITIAL LEAD TIME -- 12 MONTHS

	TO COMP TOTAL QTY AMT QTY AMT	1780 9.1		1780 9.3		
(CONTINUED)						
					FY-00	
IFF VALVE	OO. AMT		 	-	₽ - Y - H - B - B - B - B - B - B - B - B - B	
FUE	FY-OO AMT QTY AN				FY-98 4/98 4/99	
ROVED MAIN [NUED]	FY-99 QTY /		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		FY-97 4/98	
J945 IMPF (CONT)					FY-96 4/96 4/97	
FACT SHEET; F-16 53U945 IMPROVED MAIN PROJECTED FINANCIAL PLAN (CONTINUED)	RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE. ORDERS DATA SIM/TRAINER SUPPORT-EQUIP \$3.9M TAKEN FROM FY94 FOR FY94 SBR INSTALLATION OF HARDWARE	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES: CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

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*** UNCLASSIFIED ***

DATE 02/21/95

AIRCRAFT ICATION OF AIRC FY 1996 PROGRAM MODIFICATION

RELOCATE FORWARD RWR ANTENNA, MN-57U051

DESCRIPTION/JUSTIFICATION: THIS EFFORT INVOLVES RELOCATING THE FORWARD RADAR WARNING RECEIVER (RWR)

ANTENNA FROM THE FUSELAGE TO THE LEADING EDGE FLAP OF THE WING. THE CURRENT ANTENNA LOCATION

DOES NOT ALLOW THE RWR TO MEET ITS PERFORMANCE ENVELOPE ON THE F-16. THE NEW LOCATION

CORRECTS THIS DEFICIENCY. PORTIONS OF THE NECESSARY GROUP A WIRING WERE INSTALLED DURING APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE AND MAY 571051 PE 27133F CLC F-16 F-16 C/D MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO FY 1996 PRE

DEVELOPMENT STATUS: COMPLETE.

PRODUCTION.

AMT FY-98 QTY AMTFY-97 QTY AMT ŎΤY AMT FY-95 ΩT AMT FY-94 QTY AMT PRIOR ΩTY PROJECTED FINANCIAL PLAN

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR

EQUIPMENT

3.7

167

EQUIP NONREC

CHANGE ORDERS DATA

ი ე

90 MOD INSTAL INSTALLATION OF HARDWARE SIM/TRAINER SUPPORT-EQUIP

FY90 167 KITS

2.8 2.8 2.8

(72)

TOTAL INSTALL COST

7.2 167 TOTAL COST (BP-1100)

15 MONTHS FOLLOW-ON LEAD TIME --METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM INITIAL LEAD TIME -- 15 MONTHS

FACT SHEET; F-16 57U PROJECTED FINANCIAL PLAN	JOS1 RE (CON	LOCATE F TINUED)	ORWARD	57UO51 RELOCATE FORWARD RWR ANTENNA .AN (CONTINUED)	NNA			(CONTINUED)				
		QTY	FY-99 -Y AMT	FY-00 0TY AN	O AMT				70 (YY)	SOMP AMT	TOTAL QTY AN	AMT
RDT&E (3600) N/A												
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR											167	3.7
EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER												3.5
SUPPORT-EQUIP 90 MOD INSTAL INSTALLATION OF HARDWARE FY90 167 KITS					? ! !				1	1	72)	2.8
TOTAL INSTALL COST		 	 									2.8
TOTAL COST (BP-1100)											167	10.0
MILESTONES:	FY-88	FY-90		FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY - 98	
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	4/87	1 1 1 1 1		\$ 1 1	! ! ! !	 						
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 18 OUTPUT 18	FY-94 2 3 18 18 18 18	£ 8 8 8 1 8 1 8 1										

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MODIFICATION OF AIRCRAFT FY 1996 PROGRAM DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC F-16 CLASS P

FY 1996 PRE MODIFICATION TITLE AND NO

WOW SWITCH, MN-58006A

DESCRIPTION/JUSTIFICATION: CONNECTS EXISTING WEIGHT ON WHEELS SWITCH TO THE ALE-40 DISPENSER. KIT DELIVERY 4/91. PE 27133F F-16 C/D MODELS OF AIRCRAFT AFFECTED

DEVELOPMENT STATUS: THIS P-3A REFLECTS INSTALLATIONS OF KITS PROCURED WITH PRIOR YEAR FUNDS

AMT FY-98 ٥T AMT FY-97 QTY AMT FY-96 QTY A QTY AMT Fγ-95 AMT QTY AMT PRIOR QΤΥ PROJECTED FINANCIAL PLAN

ď 2 62 .2 (62) 7 7 (54) 54 2.3 2.3 2.3 (41) 4 SIM/TRAINER SUPPORT-EQUIP 90 MOD INSTAL INSTALLATION OF HARDWARE TOTAL COST (BP-1100) RDT&E (3600) N/A TOTAL INSTALL COST PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIP NONREC CHANGE ORDERS EQUIPMENT DATA

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82 (82)

FOLLOW-ON LEAD TIME -- 12 MONTHS METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM INITIAL LEAD TIME -- 12 MONTHS

WOW SWITCH	(CONTINUED)
58006A	PLAN
; F-16	FINANCIAL
FACT SHEET;	PROJECTED

		FY-99 QTY /	9 FY-00 AMT QTY AN	-00 AMT				TO COMP QTY AMT	'	TOTAL QTY /	AMT
RDT&E (3600) N/A											
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE, ORDERS DATA SIM/TRAINER SUPPORT-EQUIP 90 MOD INSTALL INSTALLATION OF HARDWARE FY90		(109)	. 4 (73)	e.				(54)	.2(475)	ភ
TOTAL INSTALL COST		109	. 4 73	E				54	ġ	475	g.6
TOTAL COST (BP-1100)		•	4.	е.					2		3.9
MILESTONES:	FY-94	F Y - 1 9 5 1	FY-196	FY-97	F Y - 98	FY-99	FY-00	FY-01	FY-02	FY-03	
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):											
INSTALLATION SCHEDULE: QUARTERS 10 INPUT 10	FY-94 2 3 10 10 10 10	4 + + +	FY-95 2 3	4 + 11 + 41	FY-96 2 3 14 13	4 1 13 15 15 15 15 15 15 15 15 15 15 15 15 15	FY-97 2 3 15 16 15 16	4 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9			

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4 8 8

2 2 8

<u>- 6</u> 6

4 28 28

1 27 27

2 7 4

21 3

502

INSTALLATION SCHEDULE: QUARTERS 1 INPUT 20 OUTPUT 20

4 t t

INSTALLATION SCHEDULE:
QUARTERS 1
INPUT 14

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CHAFF/FLARE DISPENSER, MN-58045B CLC F-16 CLASS P PE 27133F MODIFICATION OF AIRCRAFT FY 1996 PROGRAM MODELS OF AIRCRAFT AFFECTED F-16A-D (PREBLK 40) MODIFICATION TITLE AND NO DATE 02/21/95 FY 1996 PRE

DESCRIPTION/JUSTIFICATION: THIS P-3A REFLECTS INSTALLATIONS OF KITS PROCURED WITH PRIOR YEAR FUNDS. AMT FY-98 QTY AMT FY-97 QTY # AMT FY-96 QTY DEVELOPMENT STATUS: KITS ARE AVAILABLE AND AWAITING INSTALLATION. AMT FY-95 QTY AMT FY-94 QTY ^* AMT PRIOR QΤΥ PROJECTED FINANCIAL PLAN

SIM/TRAINER SUPPORT-EQUIP 90 MOD INSTAL INSTALLATION OF HARDWARE FY90 1393 KIT PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC CHANGE ORDERS DATA

RDT&E (3600) N/A

(374) TOTAL INSTALL COST

2.0 374

9.0

5.0

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT INITIAL LEAD TIME -- 12 MONTHS INITIAL LEAD TIME

FOLLOW-ON LEAD TIME -- 12 MONTHS

580458 CHAFF/FLARE DISPENSER	(CONTINUED)
580458	PLAN
FACT SHEET; F-16	PROJECTED FINANCIAL PLAN

8	AMT	1 1 1 1 1		
·FY-00	QTY AMT	1 1 1 1		
66	AMT			
FY-99	QTY AMT	1		
			N/A	
			3600) N/A	

AMT

TOTAL QTY

AMT

TO COMP QTY AM

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE, ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
90 MOD INSTAL
INSTALLATION OF HARDWARE
FYSO 1393 KIT RDT&E (3

TOTAL COST (BP-1100) TOTAL INSTALL COST

MILESTONES:

FY-92 FY-90

FY-95

FY-94

CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

3 50 50 FY-94 2 50 5 50 5 50 FΥ-93 2 ო FY-92 INSTALLATION SCHEDULE:
QUARTERS 1
INPUT
OUTPUT

50 50

50 50

2.0 2.0 2.0 374) 374

*** UNCLASSIFIED ***

AIRCRAFT FY 1996 PROGRAM MODIFICATION OF

DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE LEADING EDGE FLAP ROTARY ACTUATOR, MN-59045B CLC F-16 CLASS P MODIFICATION TITLE AND NO FY 1996 PRE

MODELS OF AIRCRAFT AFFECTED

DESCRIPTION/JUSTIFICATION: WORN/ELONGATED HOLES IN THE LEADING EDGE FLAP ROTARY ACTUATOR ATTACHMENT PE 27133F F-16A/D PRE-BLOCK 40

AMT FY-98 AMT FY-97 AMT ٥T AMT FY-95 ΩT AMT DEVELOPMENT STATUS: FY90 INSTALLATION PROGRAM FY-94 ٥T٧ AMT PRIOR QTY PROJECTED FINANCIAL PLAN SYSTEM.

1348

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS

SIM/TRAINER DATA

SUPPORT-EQUIP 90 MOD INSTAL INSTALLATION OF HARDWARE FY89 1348 KIT FY90 499 KITS

6.5 6.5 6.5

(499) 499

TOTAL INSTALL COST

1348 TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

FACT SHEET; F-16 59045B LEADING EDGE FLAP ROTARY ACTUATOR PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

		FY-99 QTY	AMT QTY AI	-00 AMT						TO COMP QTY AM	⊢ ¦	TOTAL QTY	AMT
N/A													
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIPMENT EQUIPMENT SUMATA SIM/TRAINER SUPPORT-EQUIP 90 MOD INSTAL												1348	.
												499)	6.5
TOTAL INSTALL COST		1 1 5 1 1	! ! ! !	 								4	6.5
TOTAL COST (BP-1100)												1348	7.7
	68° 89	FY-90	FY-91	FY-92		FY93	FY-94	FY-95	95	FY-96			
(QTR/FY): (QTR/FY):) 	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	! ! ! !	1 t 1 1		! ! !	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	-	! !				
INSTALLATION SCHEDULE: QUARTERS INPUT 74 OUTPUT 74	FY-91 2 3 74 74 74 74	4 1 75 77 75 77	FY-92 2 3 76 76 76 76	4 4 76 53 76 53	FY-93 1 2 13 47	68 68 68	4 1 78 72 78 72	FΥ-94 1 2 2 73 2 73	14 3 72 72	4 72 72			
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 38 OUTPUT 38	FY-95 2 3 37 38 37 38	4 1 37 30 37 30	FΥ-96 2 3 30 30	4	FY-97	.97	4	•					
INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	FY-98 2 3	4											

DATE 02/21/95

OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

NAPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE INF MN-6020. CLC F-16

SCREECH REDUCTION 129 ENGINE, MN-6020

DESCRIPTION/JUSTIFICATION: F110-GE-129 ENGINES ARE EXPERIENCING HIGH SCREECH LEVELS ON FIELDED
ENGINES. THIS SCREECH IS CAUSING DAMAGE TO THE AUGMENTOR DUCT ASSEMBLY, FLAME HOLDER, FAN CORE
SPRAYBARS, LOCAL SPRAYBARS, AND THE EXHAUST NOZZLE LINER. THE DAMAGE INCLUDES BROKEN OR
MISSING PIECES AND NON-REPARABLE CRACKS. 20 KITS WILL MOD SPARES. 27133F PE F16 C/D (BLK 50) MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO FY 1996 PRE

DEVELOPMENT STATUS: COMPLETE.

FY-98 OΤY AMT FY-97 QTY AMT FY-96 QTY A AMT FY-95 ٥T٧ AMT FY-94 QTY AMT PRIOR QTY PROJECTED FINANCIAL PLAN

N/A RDT&E (3600) PROCUREMENT (3010) INSTALL KITS KITS NONRECUR CHANGE ORDERS EQUIP NONREC EQUIPMENT DATA

3.5

240

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SIM/TRAINER

SUPPORT-EQUIP INSTALLATION OF HARDWARE

FY96 240 KITS

TOTAL COST (BP-1100)

TOTAL INSTALL COST

4.7 240

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119

7.

101

.7 (119)

MONTHS 9 FOLLOW-ON LEAD TIME METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM INITIAL LEAD TIME -- 6 MONTHS

SCREECH REDUCTION 129 ENGINE (CONTINUED)

FACT SHEET; F-16 6020 PROJECTED FINANCIAL PLAN

(CONTINUED)

AMT		<u>မ</u> က	r.	1.5	7.5	ស			
TOTAL QTY		240		(220)	220	240			
TO COMP QTY AMT				! ! ! ! ! ! ! !					
							FY-00		
OO AMT				:	1 1 1 1 1 1		FY - 99		30 0 30 0
AMT QTY AM					 		FY-98		FY-97 2 3 30 30 30 30
FY-99 QTY A					; ; ; ;		FY-97		4 1 34 29 34 29
							FY-96	1/96 2/96	FY-96 2 3 33 34 33 34
	RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIPMENT	CHANGE ORDERS DATA SIM/TRAINER SUM/TRAINER	INSIALLATION OF HARDWAKE FY96 240 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT

AIRCRAFT FY 1996 PROGRAM 0 F MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE IT PROGRAM, MN-6022 CLC F-16 CLASS P F-16 STRUCTURAL IMPROVEMENT PROGRAM, MN-6022

PTION/JUSTIFICATION: ENGINEERING TEST, ANALYSIS, USER'S EXPERIENCE INDICATE AIRCRAFT STRUCTURE WILL NOT MEET THE NEEDED 8000 HR SERVICE LIFE. THE STRUCTURAL IMPROVEMENT PROGRAM COMBINES THE THE LISTED MAJOR STRUCTURAL MODIFICATIONS INTO ONE DVERALL PROGRAM. ECP 1910 AND ECP 1947 FUEL SHELF/WING CARRY THROUGH BULKHEAD. ECP 1992 VERTICAL TAIL AFT MOUNTING PADS BULKHEAD FS 479. 27133F ÞE F-16 C/D PRE -40 MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO FY 1996 PRE

DEVELOPMENT STATUS: UNDER PROVISION OF THE CORRECTION OF DEFICIENCY (COD) NO DEVELOPMENT PROCEDURES WERE REQUIRED PRIOR TO CONTRACT AWARD.

QTY AMT OΤ AMT Fγ-96 QTY AMT FY-95 QTY AMT FY-94 OΤΥ AMT PRIOR ٥Ţ PROJECTED FINANCIAL PLAN

_	
N/A	
(3600)	
RDT&E	

PROCUREMENT (3010) INSTALL KITS KITS NONRECUR	97	5.4	92	2.3	92	2.3	116	2.9	117	3.2	116	3.2
EQUIP NONREC				7		œ		<u>ი</u>		6.		0.1
CHANGE URDERS DATA						1						
SIM/TRAINER												
SUPPORT-EQUIP						•						
TOOLING		1.2		ı		9.						
SPARES		2.2				4.		1.2		2.0		2.7
								!				
INSTALLATION OF HARDWARE												
FY92 33 KITS (33)	6 6										
FY93 64 KITS (64)	19.1			,	((60)					
FY94 92 KITS					(23)	9	(69)		(69)	200		
FY95 92 KITS							(53)	0.0	(60)	ο α	(87)	27.4
FY96 116 KITS									(67)		(66)	6
FY97 117 KITS											(04)	1
FY98 116 KITS												
				1	1 - ! ! ! !	!	1	1 1	1 1 1	1 1 1		1 1 1
TOTAL INSTALL COST					23	6.2	95	26.3	86	29.3	116	36.6
TOTAL COST (BP-1100)	97	37.8	92	3.7	92	11.3	116	31.3	117	35.4	116	43.5
1	. N	VSTALLA"	NOI1	DEPOT							!	
I CONTRACTOR OF THE PARTY OF TH	NITIA	INITIAL LEAD TIME 14 MONTHS	TIME	14 MON	ITHS		FOLLOW	/-ON LE	AD TIME	18	FOLLOW-ON LEAD TIME 18 MONIHS	

F-16 STRUCTURAL IMPROVEMENT PROGRAM (CONTINUED)

FACT SHEET; F-16 6022 PROJECTED FINANCIAL PLAN

(CONTINUED)

164
PAGE

													286
AMT	1 1 f 1	20.2	9.9	2 8 8 8 8 5 .	9.9 19.1 25.9 27.2 36.1	39.0 40.0 20.2	217.4	255.2					
TOTAL QTY	; ; ; ;	659			33) 64) 92) 116)	117) 116) 29)	629	659	FY-01				
-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			2				2.9	FY-00				
)TQ	1					1			FY-99	2/99 4/00	23 23		
									FY-98	2/98 4/99	FY-96 2 3 23 23 23 23		
									FY-97	2/97 4/98	4 1 23 23 16 16	29 29	
									FY-96	2/96 4/97	FY-95 2 3 16 16 16 16	FY-99 2 3 29 30 29 29	
O AMT	1 		4.2	رى تى ق		30.5	40.6	45.2	FY-95	2/95 4/96	4 1 16 16 10 11	4 1 29 29 29 29	4
FY-00 AMT QTY /	1	თ _.	1.1	2 .8		29.8 9.5 (87) 10.1 (29)	4 11	44.1	FY-94	2/94 4/95	FY-94 2 3 10 11 5 7	FY-98 2 3 29 29 29 29	FY-01 2 3 29
FY-99 OTY AN	1	59				88) 29)	117	29 4	FY-93	4/93 4/94	4 t t t	4 1 29 29 23 23	4 1 29 29 29
	•								FY-92	3/92 4/93	FΥ-93 2 3	FY-97 2 3 23 23 23 23	FY-00 2 3 29 29 29 29
	RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR	EQUIP NONREC CHANGE ORDERS	AIL	INSTALLATION OF HARDWARE FY92 33 KITS FY93 64 KITS FY94 92 KITS FY95 92 KITS FY96 42 KITS	FY90 110 KITS FY98 116 KITS FY99 29 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 23 OUTPUT 23	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 29 OUTPUT 30

*** UNCLASSIFIED ***

OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

INDEPRIORIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLASS P CLC F-16 CLASS P CLC F-16

27133F PE BLOCK 40 STRUCTURAL IMPROVEMENT, MN-602240 BLOCK 50/42/40/C/D MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO FY 1996 PRE

DESCRIPTION/JUSTIFICATION: ENGINEERING TEST, ANALYSIS, USER'S EXPERIENCE INDICATE AIRCRAFT STRUCTURE
WILL NOT MEET THE NEEDED 8000 HR SERVICE LIFE. DELAYS MAY LEAD TO FURTHER STRUCTURAL
DEGRADATION WHICH WILL BE COSTLY TO CORRECT, AND MAY IMPACT FLIGHT SAFETY. FUNDS WOULD ALSO BE
USED TO INSTALL AIRCRAFT KITS RESULTING FROM (COD) ECP'S AND STRUCTURAL CHANGES TO THE BLOCK
50 A/C AS WELL AS OTHER CHANGES TO THE PRE-BLOCK 50 AIRCRAFT.
SPECIFIC ECP'S INCLUDE 1987,1253, 1292, 1499,1910, 1962, 1992, 1871, 1966, 1912.

DPMENT STATUS: UNDER PROVISION OF THE CORRECTION OF DEFICIENCY (COD) NO DEVELOPMENT PROCEDURES WERE REQUIRED PRIOR TO CONTRACT AWARD. FY 95 MONEY WILL START THE INSTALLATION OF KITS PROVIDED BY LOCKHEED. UNDER AGREEMENT WITH LOCKHEED, THEY PROVIDE THE KITS AND THE AIR FORCE PROVIDES THE INSTALLATION DOLLARS. DEVELOPMENT STATUS:

AMT FY-98 QT۲ AMT FY-97 ΩT AMT FY-96 QTY AMT FY-95 QΤγ AMT ΣŢ AMT PRIOR PROJECTED FINANCIAL PLAN

RDT&E (3600) N/A

PROCUREMENT (3010) SUPPORT-EQUIP KITS NONRECUR CHANGE ORDERS INSTALL KITS EQUIP NONREC SIM/TRAINER EQUIPMENT DATA

_ :

INSTALLATION OF HARDWARE FY95 84 KITS

114 KITS 124 KITS 124 KITS FY97 FY98 FY99 F Y 96

FYOO 22 KITS

TOTAL COST (BP-1100) TOTAL INSTALL COST

FOLLOW-ON LEAD TIME -- 12 MONTHS

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY INITIAL LEAD TIME -- 12 MONTHS

19.1

22.0 22.0

124

20.4

124

19.1

114

11.9 11.9

84

20.4

(124)

19.1

11.9

	TO COMP TOTAL QTY AMT		(84) 11.9 (114) 19.1 (124) 20.4 (124) 22.0 (85) 12.1 (22) 3.0	553 88.5	88.5			
(CONTINUED)			·				FY-98 2 3 4 31 31 31	
						F Y - 00	31 31 31 31	
						P 1 9 1 9 1	FY-97 2 3 31 31	
OVEMENT	OO AMT	: : !		3.0	3.0	F Y - 98	4 . 1 28 31 28 31	4
602240 BLGCK 40 STRUCTURAL IMPROVEMENT .AN (CONTINUED)	AMT QTY		1 (22	12.1 22	12.1	FY-97	FY-96 2 3 29 28 29 28	FY-00
K 40 STRUC NUED)	FY-99 QTY A	 	(88)	1 1 8 1 1 1 1		FY-96	4 1 21 29 21 29	4 t t 5 t 1 t 1 t 1 t 1 t 1 t 1 t 1 t 1 t
2240 BLOC (CONTI						F C C C C C C C C C	FY-95 2 3 21 21 21 21	FY-99 2 3 21 21 21 21
FACT SHEET; F+16 602 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIPMENT EQUIPMENT EQUIPMENT EQUIPMENT EQUIPMENT EQUIPMENT EQUIPMENT EQUIPMENT SIM/TRAINER SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY96 144 KITS FY96 124 KITS FY99 85 KITS FY99 85 KITS FY99 85 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES: CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 21 OUTPUT 21	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT 22

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APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE MISC ENGINE UPDATE MODS, MN-99999E MODIFICATION OF AIRCRAFT FY 1996 PROGRAM FY 1996 PRE MODIFICATION TITLE AND NO DATE 02/21/95

PE 27133F MODELS OF AIRCRAFT AFFECTED

DESCRIPTION/JUSTIFICATION: THESE ARE LOW COST (UNDER \$500K) ENGINE MODIFICATIONS IN SUPPORT OF MISC ENGINE ECP/CCP'S.

PROJECTED FINANCIAL PLAN DEVELOPMENT STATUS:

AMT FY-98 QTY AMT FY-97 QTY AMT FY-96 ٥T٧ AMT Fγ-95 QΤΥ AMT FY-94 ΩT AMT PRIOR ٥T

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR EQUIP NONREC CHANGE ORDERS DATA EQUIPMENT

SIM/TRAINER SUPPORT-EQUIP ENGINES

INSTALLATION OF HARDWARE

TOTAL COST (BP-1100)

TOTAL INSTALL COST

œ

2.2

1.2

1.2

2.2

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FOLLOW-ON LEAD TIME -- OO MONTHS METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- OO MONTHS

*** UNCLASSIFIED ***

290

	TO COMP TOTAL QTY AMT QTY AMT				φ. &		φ. &	FY-99 FY-00 FY-01	
(CONTINUED)								FY-98 FY-	
10)								FY-97	
								FY-96	1 1 1 1
	00 AMT					! ! !		FY-95	1 1 1 1 1 1 1 1
DATE MODS	FY-00 AMT QTY AN					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		FY-94	
ENGINE UP NUED)	FY-99 QTY A							FY-93	! ! ! !
99999E MISC ENGINE UPDATE MODS. AN (CONTINUED)								FY-92	
FACT SHEET; F-16 999 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR FOUTPMENT	EQUIP NONREC CHANGE ORDERS DATA	SIM/TRAINER SUPPORT-EQUIP ENGINES	TOTAL TASTALL COST	TOTAL COST (BP-1100)	MI'LESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

IPTION/JUSTIFICATION: AIRCRAFT REQUIRE MODIFICATIONS TO CORRECT DEFICIENCIES REVEALED DURING DEVELOPMENT AND INITIAL USE. CORRECTIONS ARE INCORPORATED INTO PRODUCTION AT THE EARLIEST TIME. UPDATE MODIFICATIONS ARE REQUIRED TO MAINTAIN CONFIGURATION CONTROL OF DELIVERED AIRCRAFT AND THOSE TOO FAR INTO PRODUCTION FOR INCORPORATION. THESE MODIFICATIONS ARE LESS THAN \$900,000 EACH. APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CL99999U 27133F CLC F-16 ΡE LOW COST RETROFIT MODS, MN-99999U F-16 C/D MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO FY 1996 PRE

DEVELOPMENT STATUS: ECPS INCLUDE REDESIGNED AUGMENTOR FUEL; F110 ANTI-ICE VALVE PRESSURE SWITCH; F110 LUBE FILTER DIFFERENTIAL; F110 FAN ROTOR STG 1 BALANCE; F110 IGB BEVEL GEARS; F110 HYD PUMP CAVITATION SLEEVE. ECP 1967 WPN STATION POWER, ECP 1850 DEPOT INTERFACE ADAPTER HARDWARE AND SOFTWARE TO BE COMPATIBLE WITH THE DEEC POSER SUPPLY. FUNDS INCLUDE .3M FOR ECP 1850.

PROJECTED FINANCIAL	PLAN PRIOR		FY-	.y-94	F.Y.	Y-95	FΥ	96- y	FY-97	97	FY-	86- h	
	YTO	AMT	OΤγ	AMT	QTY	AMT	٥T٧	AMT	٥T٧	AMT	QΤγ	OTY AMT QTY AMT QTY AMT QTY AMT QTY AMI	
	 		1 1 1 1 1	1 1 1	1 1 1		1 1 1 1	1	 	1 1 1 1 1	1 1 1 1	1 1 1 1	

RDT&E (3600) N/A

က 6.9 INSTALLATION OF HARDWARE TOTAL INSTALL COST PROCUREMENT (3010) CHANGE ORDERS KITS NONRECUR SUPPORT-EQUIP EQUIP NONREC INSTALL KITS SIM/TRAINER EQUIPMENT AIRCRAFT DATA

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- OO MONTHS

6.9

TOTAL COST (BP-1100)

-- OO MONTHS FOLLOW-ON LEAD TIME

2.0

2.0

1.2

2.0

2.0

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

*** UNCLASSIFIED ***

DATE 02/21/95

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

JARR DESCRIPTION; AIRCRAFT PROCUREMENT, AIR FORCE CLER. MN-B 19402

DESCRIPTION/JUSTIFICATION: PROVIDES UPGRADES TO THE CURRENT AIR DATA COMPUTER INCREASING MTBF FROM 600 HRS TO 2500 HRS. REDUCES CARA COUNT FROM 13 TO 3 AND PROVIDES SUPPORTABILITY TO A SYSTEM FACING PARTS OBSOLESCENCE AND LOSS OF CONTRACTOR SUPPORT. RETROFITS 190 ACFT AND 18 SPARE UNITS. 30 UNITS ARE SEED ASSETS. NO INSTALLATION FUNDS REQUIRED AS THIS IS DONE IN THE PE 27133F UPGRADE THE AIR DATA COMPUTER, MN-B19402 F-16 BLOCK 50 MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO FY 1996 PRE

DEVELOPMENT STATUS:

CONTRACTOR'S FACILITY.

AMT QTY AMT FY-97 ٥T AMT FY-96 QTY AMT FY-95 QΤγ AMT FY-94 OΤΥ AMT PRIOR 0TY PROJECTED FINANCIAL PLAN

RDT&E (3600) N/A

PROCUREMENT (3010) INSTALL KITS KITS NONRECUR

EQUIP NONREC EQUIPMENT

4.0

147

9.

09

CHANGE ORDERS DATA

SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE

TOTAL INSTALL COST

0.4 147 4.7 09 TOTAL COST (BP-1100)

18 MONTHS FOLLOW-ON LEAD TIME --METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY INTIAL LEAD TIME -- 12 MONTHS

TO COMP TOTAL QTY AMT QTY AMT		207 5.6		207 8.7			
(CONTINUED)						FY-96 4 1 2 3 4	
PUTER 00 AMT					FY-95	. FY-95 4 1 2 3	
(CONTINUED) FY-99 GTY AMT GTY GTY AMT GTY GTY GTY GTY GTY GTY GTY G					FY-93 FY-94 2/95 3/95 4/96 1/97	FY-94 4 1 2 3 30 30	4
3402					FY-92 3/92 3/93	FY-93 2 30 30	FY-97 2 3
FACT SHEET; F-16 B19 PROJECTED FINANCIAL PLAN	RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP	INSTALLATION OF HARDWARE TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES: CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS INPUT 147 OUTPUT 147

294

AIRCRAFT FY 1996 PROGRAM OF MODIFICATION

DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE REDESIGN, MN-F15001 CLC F-16 CLASS P

F110 STG 182 DISK & BLADE REDESIGN, MN-F15001

PE 27133F BLOCK 30/40 MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO FY 1996 PRE

IPTION/JUSTIFICATION: FIELD INCIDENTS OF STAGE 1 DISK POST CRACKING AND STAGE 1 HPC BLADE DOVE-TAIL CRACKING CREATE THE POTENTIAL FOR THE DISK AND BLADES NOT MEETING PLANNED DEPOT RETURN AND FOR MISHAPS RELATED TO THESE FAILURE. THIS RETROFIT WOULD INCORPORATE STAGE 1 & 2 BLADE & DISK DOVETAIL REDESIGN TO ELIMINATE THESE CONCERNS. RETROFIT REDUCES MAINTENANCE REQUIRED TO INSPECT AND REMOVE THESE DISKS AND BLADES WHILE REDUCING A MISHAP POTENTIAL. RISK IS CURRENTLY MANAGED BY THE IMPLEMENTATION OF 75 HOUR ULTRASONIC INSPECTIONS. IMPROVES NONRECURRING IN-FLIGHT SHIP DOTED AT DEPOT ENSIP DESCRIPTION/JUSTIFICATION: INSPECTION/RETURN.

DEVELOPMENT COMPLETE. DEVELOPMENT STATUS:

AMT AMT ŎΤΥ AMT FY-96 QTY AMT FY-95 QTY AMT FY-94 AMT PRIOR ٥T PROJECTED FINANCIAL PLAN

RDT&E (3600)

						FOLLOW-ON LEAD TIME 20 MONTHS
ა.			 		5.8	ON: INSTALLATION DEPOT INITIAL LEAD TIME OG MONTHS
96			(96)		96	LION
37 . 1	₹.				37.2	STALLAT
800		169) 338)		800	800	ON: INITIAL
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC	DATA SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE		FY92 193 KITS (FY93 100 KITS (FY94 96 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	METHOD OF IMPLEMENTATION: INSTALLATION DEPOT INITIAL LEAD TIME OG MON

(CONTINUED)

FACT SHEET; F-16 F15001 F110 STG 182 DISK & BLADE REDESIGN PROJECTED FINANCIAL PLAN (CONTINUED)

		FY-99 QTY	AMT QT	FY-00 'Y AMT					0T YT0	TO COMP QTY AMT	TOTAL QTY	AMT
RDT&E (3600) N/A		 										
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC											896	42.9
DATA SIM/TRAINER SUPPORT-EQUIP											٠	₹.
FY90 1938 KITS FY91 338 KITS FY92 193 KITS FY93 100 KITS FY94 96 KITS	-										169) 338) 193) 100)	
TOTAL INSTALL COST		 	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					1		968	
TOTAL COST (BP-1100)											896	43.0
MILESTONES:	FY-89	FY~90	FY-91	FY-92	32	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	2/91 1/92		2/91 1/92	2/92 1/94	O! ##	2/93 1/95	2/94 1/96					
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 41	FY-92 2 3 43 42 43 42	4 4 43 42 43 42	FY-93 2 3 35 30 30 30	3 4 35 35	1 36	FY-94 2 3 37 42 37 42	4 1 37 33 37 33	FY-95 2 3 34 33 34 33	3 4 4 4 4 4			٠
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 31	FY-96 2 3 36 37 36 37	4 1 36 35 36 35	FY-97 2 3 35 32 35 32	2 2 2 2 2 2 2 3 2 4 2 3 3 3 3 3 3 3 3 3	17	FΥ-98 2 3 16 16	4					

AIRCRAFT FY 1996 PROGRAM 늄 MODIFICATION

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE : MN-F19400 F-110-GE-129 (DEC) UPGRADE, MN-F19400 MODIFICATION TITLE AND NO FY 1996 PRE

MODELS OF AIRCRAFT AFFECTED

DESCRIPTION/JUSTIFICATION: THE F-110-GE-100 DEC IS A \$250M PROGRAM TO REDESIGN AND RETROFIT DECS INTO FIELDED F110-GE-100 ENGINES IN BLOCK 30/40 AIRCRAFT. A RELATIVELY SMALL LOCKHEED EFFORT IS REQUIRED IN TESTING FOR SYSTEM INTEGRATION EFFORTS AND PUBLICATION OF O-LEVEL TECHNICAL DATA MOD NUMBER CHANGED FROM 19229D, F110-129 DEC UPGRADES TO CURRENT MN. 27133F PE

DEVELOPMENT STATUS:

AMT FY-98 0T√ AMT FY-97 ٥T AMT FY-96 ΩŢ AMT FY-95 QTY A AMT FY-94 ΩT AMT PRIOR ٥T PROJECTED FINANCIAL PLAN

0.0

(06)

(164)

RDT&E (3600) N/A

PROCUREMENT (3010) INSTALL KITS KITS NONRECUR SIM/TRAINER SUPPORT-EQUIP CHANGE ORDERS EQUIP NONREC EQUIPMENT DATA

INSTALLATION OF HARDWARE

TOTAL COST (BP-1100)

TOTAL INSTALL COST

5.0

MONTHS

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FOLLOW-ON LEAD TIME METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- 6 MONTHS

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	TO COMP TOTAL QTY AMT QTY AMT		3.0	1.7		7.3			
(CONTINUED)									
							FY-97	2/97 4/97	
							FY-96	2/96 4/96	
DE	OO AMT				1 1 1 1		FY-95		
DEC) UPGRADE	FY-OO AMT QTY AN				1		FY-94		
$\overline{}$	FY-99 QTY AI				1 1 1 1 1 1		FY-93		
F19400 F-110-GE-129 AN (CONTINUED)				¥,	Secretary Control of the Control of		FY-92		
FACT SHEET; F-16 F19 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER	INSTALLATION OF HARDWARE	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

		BODB	BUDGET ITEM JUSTIFI	JUSTIFICATION				DATE FEBRUARY 1996	RY 1995
PPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICAT	DGET ACTIV UREMENT AI	ITY F/AIRCRAFT M	ODIFICATIONS		P-1 ITEM NOMENCLATURE: EF-111	TURE: EF-111			
		FY 1994	FY 1995	FY 1996	FY 1997	FY 1994 FY 1995 FY 1996 FY 1997 FY 1998 FY 1999	FY1999	FY2000 FY2001	FY2001
QUANTITY									
COST (In Mil)		\$3.750	\$2.03	1 \$1.900	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

This line item funds modifications to the EF-111 aircraft. The EF-111 is a twin engine, two seat, supersonic, long-range electronic warfare aircraft which denies, degrades, deceives and disrupts enemy early warning, ground controlled intercept, and acquisition radars. The overall goal of the modifications budgeted in FY96 is to efficiently comply with contract termination provisions for program termination. The specific modifications budgeted and programmed are attached.

UNCLASSIFIED

		BUL	BUDGET ITEM J	JUSTIFICATION	Z			DATE	
			(EXHIBIT	F P-40)				FEBRUA	FEBRUARY 1995
APPROPRIATION/BUDGET ACTIVITY	N/BUDGET A	CTIVITY		P-1 ITEN	P-1 ITEM NOMENCLATURE: F-111	URE: F-111	·		
AIRCRAFT PI	ROCUREMEN	AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS	MODIFICATION						
		FY 1994	FY 1995	FY 1996	FY 1996 FY 1997	FY 1998	FY1999	FY2000	FY2001
QUANTITY									
COST (In Mil)		\$13.578	\$4.977	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

fighter, capable of delivering a full range of air-to-ground munitions. The overall goal of the modifications budgeted in FY96 is to efficiently comply with contract provisions for program termination. The specific modifications budgeted and programmed are This line item funds modifications to the F-111 aircraft. The F-111 is a twin engine, two seat, supersonic, long-range attack attached.

	JUZ	000
PAGE NO.		
P-1 SHOPP LIST	LEM NO. 18	

UNCLASSIFIED

		BUDG	BUDGET ITEM JUS	JUSTIFICATION				DATE	
			(EXHIBIT P-40)	2-40)				FEBRUARY 1995	RY 1995
APPROPRIATION/BUDGET ACTIVITY	UDGET ACTIV	/ITY		P-1 ITE	M NOMENC! A	P-1 ITEM NOMENC! ATURE: T/AT-37			
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICAT	CUREMENT A	F/AIRCRAFT M	IODIFICATIONS						
		FY 1994	FY 1995	FY 1996	FY 1997	FY 1995 FY 1996 FY 1997 FY 1998 FY 1999	FY1999	EV2000 EV2001	EV 2001
QUANTITY								2027	1007
COST (In Mil)		\$1.916	\$1.406 \$0.502	\$0.502	\$0.644	\$0.627	\$0.718	\$0.770	\$0.823
) :) .	

The T-37 is a twin engine, two seat (side-by-side), subsonic jet trainer used by AETC as a primary trainer in Undergraduate Pilot Training. The overall goal of the modifications budgeted in the FY96 is to enhance flight safety while improving reliability and maintainability. The specific modifications budgeted and programmed are attached.

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		BUG	BUDGET ITEM JUSTIFI (EXHIBIT P-40)	USTIFIC P-40)	JUSTIFICATION T P-40)	7			DATE FEBRUARY 1995	RY 1995
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIR	N/BUDGET AC	STIVITY AF/AIRCRAFT	PROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS		-1 ITEM	P-1 ITEM NOMENCLATURE: C-5	URE: C-5	1.		
		FY 1994 FY 1995	FY 1995	FY 1996	966	FY 1997	FY 1998	FY1999	FY2000	FY2001
QUANTITY										
COST (In Mil)		\$38.132	\$28.513	\$45.431	431	\$22.565	\$17.201	\$6.207	\$118.425 \$115.813	\$115.813

the modifications budgeted in FY96 is to enhance flight safety while improving reliability and maintainability. The specific This line item funds modifications to the C-5 aircraft. The four engine C-5 carries outsized and heavy cargo (tanks, helicopters, etc.) between main operating bases. The aircraft routinely carries 73 troops and 36 standard 463-L pallets. The overall goal of modifications budgeted and programmed are attached.

PAGE NO.	
P-1 SHOPP LIST ITEM NO. 31	

305

AIRCRAFT FY 1996 PROGRAM P MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE MLG/DOOR ACTUATING SYS (R&M), MN-14220B CLC C-5 CLASS P

DESCRIPTION/JUSTIFICATION: INSTALLS A SIMPLER MAIN LANDING GEAR(MLG)/DOOR ACTUATION SYSTEM CONSISTING OF 2 MAIN ACTUATORS/GEARBOXES PER EACH MLG INSTEAD OF PRESENT 10. EXISTING SYSTEM IS PLAGUED WITH FAILURES RESULTING IN 4 CLASS C ACCIDENTS WITHIN PAST YEAR. WILL ALSO PROVIDE COMMONALITY WITH C-5B PRODUCTION AIRCRAFT. INCLUDES MODIFICATION OF THE MAINTENANCE TRAINER UNIT. PE 41119F C-5A MODELS OF AIRCRAFT AFFECTED FY 1996 PRE MODIFICATION TITLE AND NO

(AIRCRAFT BREAKOUT: 14 ANG; 32 AFRES; AND 32 ACTIVE). DEVELOPMENT STATUS: COMPLETE. (FY87 & FY88 COMBINED.)

	80	AMT	 	
i	FY-98	QΤΥ	† 	
1	97	AMT	1 1 1 1	
1	FY-97	φTγ	! ! ! !	
	96	AMT	1 1 1 1 1	
	FY-96	QΤΥ		
	35	AMT	1 1 1 1 1 1	
	FY-95	QTY		
	4	AMT	11111	
	Fγ-94	φTγ		
	<u>~</u>	AMT	1 1 1 1 1 1	
L PLAN	PRIOR	QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT		
۲				
PROJECTED FINANCI				-,

RDT&E (3600) N/A			I								
PROCUREMENT (3010) INSTALL KITS	77	15.3									
KITS NONRECUR EQUIPMENT		44.8									
EQUIP NONREC											
DATA		س						٠. س			
SIM/TRAINER		<u>ه</u> .		o .							
SUPPORT-EQUIP						•					
						4.4					
INSTALLATION OF HARDWARE FY90 77 KITS (48)		(16)		9.0 (3)	1.2	1.2 (4)	. 5		1.7	
COST	48	!	16	0.6	3 1.2		4	1.5.	1 1 1 1 1 1	1.7	
TOTAL COST (BP-1100)	77	77 61.5		9.6		5.6		5.0		1.7	
Ξ	N: I	NSTALLA L LEAD	ON: INSTALLATION DEPOT/FIEL INITIAL LEAD TIME 24 MONTHS	DEPOT	/FIELD NTHS	TEAM	FOLLOV	1-ON LEA	D TIME	FOLLOW-ON LEAD TIME 14 MONTHS	ONTHS

FACT SHEET; C-5 142 PROJECTED FINANCIAL PLAN	120B	DOOR ACT NUED)	MLG/DOOR ACTUATING SYS (R&M)	(R&M)			(CONTINUED)				
		-	AMT QT	FY-00 Y AMT				10 710	TO COMP QTY AMT	TOTAL QTY	AMT
RDT&E (3600) N/A	·	; ! ! !	f t f l t t t	 				. •			
PROCUREMENT (3010) INSTALL KITS										7.7	15.3
KITS NONRECUR EQUIPMENT EQUIP NONREC			·								8.8
CHANGE ORDERS DATA SIM/TRAINER											 0 m
SUPPORT-EQUIP KIT REPLENISH INSTALLATION OF HARDWARE											4.4
				1				 	· .	(77)	13.4
TOTAL INSTALL COST		 								7.7	13.4
TOTAL COST (BP-1100)										7.7	80.4
MILESTONES:	FY-88	FY-89	FY-90	FY-91	· FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	1/88 3/89	1/89	 								
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 1	FY-88 2 3 1	4 -	FY-89	4	F≺ 2 2 3 3 4 5 5 3 3	4 0 4 - 0 4	FY-91 2 3 3	4 N G	.1		
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 4	FY-92 2 3 4 4 3 3	440	FY-93 1 2 3 4 3 3	4 6 - 4	FY-94 2 3 2 3	4 W U					
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 2 OUTPUT 3	FY-95 2 3 3 2	400	FY-96 1 2 3 2 2 2 2	4 0 +0	FY-97 2 3 2 2 2	4 0					

FY 1996 PRE

ICATION OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE COSB CLC C-5

MADARS REPLACEMENT, MN-15203B

C-5A

WITH STATE OF THE ART DIGITAL ELECTRONICS. ALLOWS CONSOLIDATION OF MANY FUNCTIONS REDUCING WITH STATE OF THE ART DIGITAL ELECTRONICS. ALLOWS CONSOLIDATION OF MANY FUNCTIONS REDUCING NUMBER OF TOTAL BOXES. PRESENT MADARS IS UNRELIABLE AND COSTLY TO MAINTAIN. FY92 SPT EQUIP FOR AVIONICS INTERMEDIATE STRING (AIS) STATIONS TO BE LOCATED AT 2 AFR, 1 ANG AND 1 TECHNOLOGY REPAIR CENTER (TRC) (KELLY) PLUS SOFTWARE CHANGES AND DATA REQUIRED TO ACCOMMODATE THE NEW AIS. PE 41119F MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: UNDER CLC 90MDINST.) MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: COMPLETE. (NOTE: THE 1 KIT SHOWING AS AN FYBB INSTALL ON THE INSTALLATION SCHEDULE IS THE TRIAL NONRECURRING KIT AS SHOWN.)

PROJECTED FINANCIAL PLAN		(i	;	ì	Ļ	ì		į	1	. > 1	a
	PRIOR QTY	JR AMT	FY-94 QTY A	94 AMT	017 AM	AMT	QTY /	Æ	QTY AM	AMT	0TY	AMT
- RDT&E (3600) N/A	! ! !	! ! !	1 1 1 1		 							
PROCUREMENT (3010)		!										
INSTALL KITS	75	67.6										
KITS NONRECUR	-											
EQUIPMENT		60.3										
EQUIP NONREC		12.4										
CHANGE ORDERS				7		4.8						
DATA		4.3										
SIM/TRAINER												
SUPPORT-EQUIP		24.4										
INSTALLATION OF HARDWARE		.,										
FY90 51 KITS (21)				8	*	(45)	e -	(1)	3.4	_	
FY91 15 KITS (15)	13.0										
FY92 10 KITS (6	7.3				1 1	! !	1 1	1	1 1	1	1
TOTAL INSTALL COST	46	20.3	 	 			15	9.1	7	3.4	_	
TOTAL COST (BP-1100)	16	76 189.3		.		8.		6.		3.4	_	
METHOD OF IMPLEMENTATION: INSTALLATION INITIAL LEAD TIME	N: I	ON: INSTALLATION INITIAL LEAD TIME	TION -	- DEPUT - 20 MO	DEPOT 20 MONTHS		FOLLC	FOLLOW-ON LEAD TIME 20 MONTHS	EAD TIN	4E 2	O MONTI	ξ

(CONTINUED)

MADARS REPLACEMENT	ONTINUED)
15203B	L PLAN (C
FACT SHEET; C-5	INANCIA

	PROJECTED PINANCIAL PLAN		(1)									1	
			γ-96	AMT QTY	-00 AMT					0T VT0	TO COMP QTY AMT	QTY	AMT
	RDT&E (3600) N/A		i i i i										
g.	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC		•									75	67.6 60.3 12.4 5.0 4.3
Ä	DAIA SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY9O 51 KITS											(51) (15)	24.4 12.5 13.0
	FY91 15 KITS FY92 10 KITS			1	1 1 1 1					\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	. - - - - - -	(01)	7.3 32.8
	TOTAL INSTALL COST									-		76	206.8
	TOTAL COST (BP-1100)												-
	MILESTONES:	FY-88	FY-89	FY-90	FY-91	FY-92	FY-93	e :	FY-94	FY-95	FY-96	FY-97	
	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	1/89	4/89 2/91	4/90 3/92	3/91 4/92	2/92 4/93							
	INSTALLATION SCHEDULE: QUARTER\$ INPUT OUTPUT	FY-88 2 3	4	FY-89 2 3	4	FY-91	6 4 6	- 0 -	FY-92 2 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 w w			
	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 0UTPUT 3	FY-93 2 3 3	4 4 Cl	FY-94 2 4 4 3 3	404	FY-95	646 464						
	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 3	FY-96 2 4 4 4 3 3 3 3	444	FY-97 2 3 3 3	404	FY-98	6 4						

FY 1996 PROGRAM MODIFICATION

AIRCRAFT

P

NAVSTAR GPS, MN-3150

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC C-5 CLASS P

C-5 A/B

DESCRIPTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) PROVIDES WORLDWIDE
THREE-DIMENSIONAL POSITIONING/NAVIGATION FOR MILITARY AIRCRAFT. THE SYSTEM IS COMPOSED OF
THREE SEGMENTS: USER EQUIPMENT, SATELLITES AND A CONTROL NETWORK. SATELLITES BROADCAST
HIGH-ACCURACY DATA SIGNALS WHICH ARE RECEIVED BY USER EQUIPMENT TO COMPUTE PLATFORM POSITION/
VELOCITY AND PROVIDE STEERING VECTORS TO TARGET LOCATIONS. CONTROL SEGMENT UPDATES DAILY THE
NAVIGATION MESSAGES BROADCAST FROM THE SATELLITES. PE 41119F MODELS OF AIRCRAFT AFFECTED FY 1996 PRE MODIFICATION TITLE AND NO

AIRCRAFT BREAKOUT: 12 ANG; 32 AFRES; 82 ACTIVE DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN	AN	9	FV - 94		Ε Ε	េញ	¥.	FY-96	FY-97	97	FY-98	98
	QTY	AMT	OTV.	¥	QTY AM	AMT	0TV	AMT	QTY	AMT	0ΤΥ 	AMT
RDT&E (3600) N/A												
PROCUREMENT (3010)			-	ស			54	2.4	38	1 .3	33	1.2
KITS NONRECUR			Ξ	3.5			,	!		(0
EQUIPMENT			Ξ	ä			(24)	15.5	15.5 (38)	ο. Σ	(66)	0
EQUIP NONREC CHANGE ORDERS												
DATA				٠				(
SIM/TRAINER						4.0		0 9				
SUPPORT-EQUIP				1								
SOFTWARE				9. G								
NSTALLATION OF HARDWARE								c				
FY94 1 KIT							=		(66)		(00)	0
FY96 54 KITS									(36)		(g)	-
FY97 38 KITS											2	•
FY98 33 KITS				1 (1	1	1 1 1	1 1	 	1 1	1 1 1	1 1 1
TOTAL INSTALL COST	1 t f f	1 	 				-		32	3.7	31	3.7
TOTAL COST (BP-1100)			-	1 40.1		4.0	54	21.1	38	13.6	33	13.2
METHOD OF IMPLEMENTATION:	I INITIA	NSTALL.	ATION -	ON: INSTALLATION DEPOT TNITIAL LEAD TIME 24 MONTHS	FONTHS		FOLL	FOLLOW-ON LEAD TIME 24 MONTHS	EAD TIN	IE 2,	4 MONTH	S

NAVSTAR GPS (CONTINUED)

FACT SHEET; C-5 3150 PROJECTED FINANCIAL PLAN

(CONTINUED)

	·	FY-99 QTY	FY-00 AMT QTY	OC AMT				01 710	COMP	TOTAL QTY	AMT
RDT&E (3600) N/A		1 1 1 1 1	: : : : : :	 							
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC						·				126	32.6 32.6 6
CHANGE ORDERS DATA SIM/TRAINER			. 5	2.2							3.7
SUPPURITEDUIP SOFTWARE INSTALLATION OF HARDWARE			·								න
FY94 1 KIT FY96 54 KITS									<u> </u>	54)	. 60 6. 60 6. 60
FY97 38 KITS FY98 33 KITS		(29) (2)	.5 (3	2.5				N .		33)	2.7
TOTAL INSTALL COST		31	2.7 31	2.5						9	12.8
TOTAL COST (BP-1100)			4.2	4.7						126	6.07
MILESTONES:	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	1/94		2/96 2/97	3/97 3/98	3/98 3/99						
INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	FY-96 2 3 1	4 - ′	FY-97 2 3 12 10	4 01 1 8 01 0 01	FY-98 2 3 8 8 8	4 t 8 t 8 t 8 t 8 t 8 t 8 t 8 t 8 t 8 t	FY - 99 3 8 8 8 8	4 ~ 0 0			
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 8 OUTPUT 7	FY-00 2 3 8 8 8 8	1 4 1 7 8 7	FY-01	4							

*** UNCLASSIFIED ***

AIRCRAFT FY 1996 PROGRAM 0F MODIFICATION

DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE AIRLIFT DEFENSIVE SYSTEMS, MN-3455

MODIFICATION TITLE AND NO FY 1996 PRE

DESCRIPTION/JUSTIFICATION: C-5 USERS HAVE HAD A LONGSTANDING MISSION REQUIREMENT FOR ELECTRONIC WARFARE WARFARE DEFENSIVE SYSTEMS WHICH WILL IMPROVE AIRCREW SURVIVABILITY. THE ELECTRONIC WARFARE DEFENSIVE SYSTEMS WILL CONSIST OF A MISSILE WARNING RECEIVER, AND A FLARE AND CHAFF DISPENSER. AIRCRAFT: 26 ACTIVE. PE 41119F C-5 MODELS OF AIRCRAFT AFFECTED

DEVELOPMENT STATUS: COMPLETE.

PROJECTED FINANCIAL PLAN Q	N PRIOR QTY A	JR AMT	FY-94 QTY A	Ψ	FY-95 QTY AN	95 AMT	FY-96 QTY A	96 AMT	FY-97 QTY #	E I	FY-98 QTY AN	38 AMT
- RDT&E (3600) N/A	! ! !	1	, 									
PROCUREMENT (3010) INSTALL KITS	8	ů.	၉	ø.	œ	2.5	9	2.8			(3)	ன் ங்
KITS NONRECUR EQUIPMENT			(3)	4.	(8)	2.7	(10)	4.8				!
EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER		Ġ			(11)	r. 4 n						ហ្វ
SUPPORT-EQUIP INSTALLATION OF HARDWARE		ď				D.						! •
FY93 2 KITS (FY94 3 KITS	(2)	-			Ξ	4	36	à. 0.	(2)	1.7	,	
FY96 10 KITS FY98 3 KITS		* 14			1	1	; ; ;	1 1 1 1 1 1		1.7	(2)	1.2
TOTAL INSTALL COST	18	3.1	1 1 1 1	 	-	4.	ល	1 9.	9	3.4	ດ	1.2
TOTAL COST (BP-1100)	8	3.8	m	4.0	co	7.2	9	6.2		3.4	က	3.0
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT INITIAL LEAD TIME 12 MOI	N: I	TON: INSTALLATION DEPOT INITIAL LEAD TIME 12 MONTHS	TION -	- DEPO	r ONTHS		FOLLC	W-ON LE	FOLLOW-ON LEAD TIME 12 MONTHS	‡ 	MONTH	S

AIRLIFT DEFENSIVE SYSTEMS (CONTINUED)

FACT SHEET; C-5 3455 PROJECTED FINANCIAL PLAN

(CONTINUED)

		FΥ-99 QTΥ A	AMT QTY A	OC AMT				LO	TO COMP QTY AMT	TOTAL	AMT
RDT&E (3600) N/A		! 						,			
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT					•		·			26	4. 7. 2.0.
CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP											0.40
i			·							999	10.70
FY96 10 KITS FY98 3 KITS		~	α.	! !					! ! ! !	(e	7 CO I
TOTAL INSTALL COST		ဗ	i : 00							26	10.5
TOTAL COST (BP-1100)			œ.							26	25.4
MILESTONES:	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99				
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	1/93	1/94	1/95 1/96	1/96	1/97	1/98 1/99					
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 2 OUTPUT	FY-94 2 2 3	4	FY-95 2 3	4 -	FY-96 2 2 2 3 3 3 3	4 - 0	FY-97 2 3 3 3 3 3	4 W W			
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 0UTPUT 1	FY-98 2 2 1 2 2	4-0	FY-99	4							

FY 1996 PRE

OF AIRCRAFT MODIFICATION

FY 1996 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE DESSOR UPGRADE, MN-6019 CLC C-5 CLASS P MADARS II MULTIPLEXER PROCESSOR UPGRADE , MN-6019

DESCRIPTION/JUSTIFICATION: THIS INSTALLS CARGO MOVEMENT OPERATING SYSTEM (CMOS) TYPE MEMORY UNITS IN THE EARLIEST 48 MULTIPLEXER (MUX) PROCESSORS DELIVERED WITH THE C-5B. UNITS CURRENTLY HAVE BUBBLE TYPE MEMORIES AND ARE INCREASINGLY UNSUPPORTABLE EVEN BY THE MANUFACTURER. MOD WILL MAKE MUX'S PARTS INTERCHANGABLE AND ORGANICALLY SUPPORTABLE. PE 41119F C-5 MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

FY-98 AMT ΩT AMT QΤΥ AMT FY-95 QΤV AMT FY-94 QΤΥ AMT PRIOR QΤΥ

AMT

N/A RDT&E (3600)

9.0

48

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PROCUREMENT (3010) INSTALL KITS KITS NONRECUR

CHANGE ORDERS EQUIPMENT EQUIP NONREC

DATA

SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

FACT SHEET; C-5 6019 PROJECTED FINANCIAL PLAN	Ξ	JLTIPLE	XER P	MADARS II MULTIPLEXER PROCESSOR UPGRADE CONTINUED)	CONTING
	FY-99	99 AMT	FY-OC	FY-00	
	-		. !		
RDT&E (3600) N/A					
PROCUREMENT (3010)					
INSTALL KITS					
KITS NONRECUR					
EQUIPMENT					
EQUIP NONREC					•
CHANGE DRDERS					
DATA					
SIM/TRAINER					
SUPPORT-EQUIP		٠			
INSTALLATION OF HARDWARE					
	1		1111	111111 11111 11111 11111	

(CONTINUED)

TOTAL QTY

AMT

TO COMP QTY AMT

3.0 œ. 48

3.8

48

TOTAL COST (BP-1100) TOTAL INSTALL COST

MILESTONES:

FY-94

3/94 3/95 CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE: QUARTERS INPUT QUTPUT

FY 1996 PRE

AIRCRAFT ICATION OF AIRC FY 1996 PROGRAM MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC C-5 CLASS P

ALL MODELS OF AIRCRAFT AFFECTED

DESCRIPTION/JUSTIFICATION: REQUIREMENT ESTABLISHED FOR DIRECT COMMUNICATION AND CONTROL (C2) OF STRATEGIC AIRLIFT. A COMMERCIALLY AVAILABLE AERO-C SATCOM SYSTEM INSTALLED ON THE C-5 WILL PROVIDE THE C2 CAPABILITY. PE 41119F SATCOM, MN-6046 MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: AIRCRAFT AFFECTED : 82 ACTIVE, 32 AFRES AND 12 ANG.

PROJECTED FINANCIAL PLAN

οT AMT FY-97 ΩT AMT FY-96 ٥T AMT FY-95 ΩT AMT FY-94 AMT PRIOR ٥T

RDT&E (3600) N/A

PROCUREMENT (3010) INSTALL KITS KITS NONRECUR

EQUIPMENT EQUIP NONREC CHANGE ORDERS

SIM/TRAINER DATA

SUPPORT-EQUIP INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

5.3

1.2

<u>ه</u> 3.2

126 (126) METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- 6 MONTHS

FOLLOW-ON LEAD TIME -- O MONTHS

SATCOM (CONTINUED) FACT SHEET; C-5 6046 PROJECTED FINANCIAL PLAN

AMT FY-00 QTY A

FY-99 QTY AMT

RDT&E (3600) N/A

SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

FY-96 1111

2/96 3/96 CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

FY-97

(CONTINUED)

3.2 1.2 <u>ග</u> TOTAL QTY 126 TO COMP QTY AMT

5.3 126

FY 1996 PRE

CATION OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE

DESCRIPTION/JUSTIFICATION: FY94: FUEL SAVINGS ADVISORY SYSTEM (FSAS) RETRO MOD #T6047. MODIFIES
ALL C-5 AND SPARE FSAS COMPUTERS AND INSTALLS UPGRADED MEMORY, A 1553 COMPUTER DATA BUS AND
NEEDED SUPPORT EQUIPMENT. THIS MOD WILL REDUCE ENGINE OVERBOOST AND INCREASE RELIABILITY BY
11%, INCREASE MEMORY BY 100%, SPARE RAM BY 700% AND REDUCE LOADING TIME FROM 4 HOURS TO 15 MIN. LOW COST RETROFIT MODS, MN-99999U C-5A,B & C MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO

AIRCRAFT BREAKOUT: 12 ANG, 32 AFRES, 82 ACTIVE DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

QΤΥ AMT OΤY AMT FY-96 QTY A AMT FY-95 ٥T٧ AMT AMT PRIOR

RDT&E (3600) N/A

(126)PROCUREMENT (3010) INSTALL KITS KITS NONRECUR SUPPORT-EQUIP CHANGE ORDERS EQUIP NONREC SIM/TRAINER EQUIPMENT DATA

AIRCRAFT MOD OF SPARES INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

FOLLOW-ON LEAD TIME --METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- 8 MONTHS

MONTHS

MODS	
LOW COST RETROFIT	•
COST	ONTINUED
LOW	(CONT)
90	PLAN (
; C-5	FINANCIAL
FACT SHEET;	PROJECTED FINANCIAL PLAN

8	AMT
FY-00	φTγ
	AMT
FY-99	φTγ

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
AIRCRAFT
MOD OF SPARES
INSTALLATION OF HARDWARE RDT&E (3600) N/A

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

FY-94 ----4/94 2/95 CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

(CONTINUED)

AMT TOTAL QTY TO COMP QTY AMT

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126

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MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE C110B PITCH TRIM MANIFOLD, MN-TO110B FY 1996 PRE

ALL C-5 A/B MODELS OF AIRCRAFT AFFECTED

IDTION/JUSTIFICATION: THE C-5 PITCH TRIM SYSTEM CONTROLS THE HORIZONTAL STABILIZER. THERE HAS BEEN A PROLONGED HISTORY OF SYSTEM PROBLEMS CAUSED BY HYDRAULIC SURGES AND "WATER HAMMER" AFFECTS. PREVIOUS MODIFICATION EFFORTS TO INSTALL A BREADBOARD TYPE CONTROL PROVED INEFFECTIVE. THE PROBLEM IS SO PREVALENT THAT THE AIRCRAFT MUST BE INSPECTED AFTER EVERY FLIGHT FOR BROKEN CLAMPS, BRACKETS AND LEAKS. THIS CONSUMES OVER 30,000 MAINTENANCE MANHOURS A YEAR. A NEW MANIFOLD SYSTEM WAS DEVELOPED TO REPLACE THE BREADBOARD ASSEMBLY AND HAS BEEN TESTED FOR OVER THREE YEARS ON THE C-5 AIRCRAFT. THE SURGE AND HAMMER EFFECTS HAVE BEEN ELIMINATED AND MAINTENANCE IN THE AREA REDUCED NEARLY 95%. PE 41119F DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: CONFIGUARATION CONTROL BOARD JUL 93. ACQ BOARD IN JULY 93. CONTRACT AWARD

PROJECTED FINANCIAL	PLAN		i		i	į	ì		i	;	ì	5	
	PRI	PRIOR	Ļ	FY-94	FY-95	-95	FY-96	96-	/ A ~ A /	, 5	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	000	
	QΤΥ	AMT	QΤΥ	AMT	ΦŢ	AMT	φTγ	AMT	OΤΥ	OTY AMT OTY AMT OTY AMT OTY AMT	ΩTΥ	AMT	
	1 1 1 1	1	1 1		1 1 1 1 1	 	1	† 		********	1 1 1 1	1 1 1 1 1 1 1 1 1 1	
RDT&E (3600) N/A													
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR			126	126 3.3				·					

SUPPORT-EQUIP INSTALLATION OF HARDWARE CHANGE ORDERS EQUIP NONREC SIM/TRAINER EQUIPMENT DATA Ξ

TOTAL INSTALL COST

TOTAL COST (BP-1100)

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126

ORG/INTERMEDIATE INITIAL LEAD TIME -- 12 MONTHS METHOD OF IMPLEMENTATION: INSTALLATION ---

FOLLOW-ON LEAD TIME --

MONTHS

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JIFOLI	(CONTINUED)
TATO TMA OTY OMIT	
RDT&E (3600) N/A	
ENT (3010) KITS	
KITS NONKECUK EQUIPMENT .	
CADERS	
AAINER T-FOLITP	
INSTALLATION OF HARDWARE	
TOTAL INSTALL COST	
TOTAL COST (BP-1100)	

9. 9

126

AMT

TOTAL QTY

AMT

TO COMP QTY AM1

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3.6

126

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

FY-94 ----2/94 2/95

CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

MILESTONES:

		BUDGE	BUDGET ITEM JUS	JUSTIFICATION				DATE	
			(EXHIBIT P-40)	-40)				FEBRUARY 1995	4Y 1995
**************************************	DGET ACTIVI	L		P-1 ITE	P-1 ITEM NOMENCLATURE: C-9	TURE: C-9			
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICAT	UREMENT AF	/AIRCRAFT MG	DDIFICATIONS						
		FY 1994	FY 1995	FY 1996	FY 1997	FY 1995 FY 1996 FY 1997 FY 1998 FY1999	FY1999	FY2000 FY2001	FY2001
QUANTITY									
COST (In Mil)		\$11.793	\$6.736	\$6.736 \$4.066 \$4.703		\$26.048	\$37.362	\$26.048 \$37.362 \$45.177 \$46.608	\$46.608

This line item funds modifications to the C-9 aircraft. The C-9A is a medium-range, twin-engine, jet transport designed to carry patients and medical personnel. The C-9C is used to transport the vice-president, cabinet members, members of Congress and other high ranking U.S. and foreign officials. The overall goal of the modifications budgeted in FY96 is to improve reliability and maintainability. The specific modifications budgeted and programmed are attached.

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APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC C-9 CLASS P AIRCRAFT MODIFICATION OF AIRO FY 1996 PROGRAM MODIFICATION TITLE AND NO DATE 02/21/95 FY 1996 PRE

NAVSTAR GPS, MN-3150

PTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) IS A SPACE BASED RADIO NAVIGATION SYSTEM THAT WILL PROVIDE SUITABLY EQUIPPED HOST VEHICLES WITH HIGHLY ACCURATE, JAM-RESISTENT, THREE DIMENSIONAL POSITION, VELOCITY, AND TIME DATA, WORLDWIDE IN ALL WEATHER TO IMPROVE MISSION EFFECTIVENESS. PE MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION:

DEVELOPMENT STATUS: ACFT BREAKOUT: 23 ACTIVE

AMT FY-98 QTY A AMT FY-97 QΤΥ AMT FY-96 QTY AMT FY-95 QTY A AMT FY-94 QΤ AMT PRIOR QΤ PROJECTED FINANCIAL PLAN A N RDT&E (3600)

ო œ. 33 1.2 က ທ ເນ œ g <u>4</u> 9 ო ល (2) φ (9) о О ო $\widehat{\Xi}$ ເລ (2) METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT INITIAL LEAD TIME -- 12 MOI ၈၈ဖ œ 3 INSTALLATION OF HARDWARE TOTAL COST (BP-1100) TOTAL INSTALL COST PROCUREMENT (3010) INSTALL KITS KITS NONRECUR SUPPORT-EQUIP CHANGE ORDERS EQUIP NONREC SIM/TRAINER FY95 5 KITS FY96 6 KITS FY94 6 KITS FY97 6 KITS EQUIPMENT DATA

12 MONTHS INITIAL LEAD TIME

-- 24 MONTHS FOLLOW-ON LEAD TIME

	TOTAL)TY AMT	-	21 2 2.5 3.0 1.9	2.8	(0.0.0) (0.0.0	23 2.3	23 17.6				
	COMP AMT G			φ _.			ø _.		·		
	710 710				1			FY-01		4 0 -	
(CONTINUED)								FY-00		FY-98 2 3 1 2 1	
								FY-99		40-	
								FY-98	2/98 2/00	FY-97 2 3 1 1	
	OO AMT	; ; t t		rů.		 	ທຸ	FY-97	2/97 2/99	4-0	4
	FY-00 AMT QTY /				- 4	10.	rū.	FY-96	2/96 2/98	FY-96 2 2 2 2 2	FY-00 2 3
TAR GPS NUED)	6- ≻	 			- 0	7		FY-95	2/95 2/97	4	400 + 0
SO NAVSTAR G				,				FY-94	4/95	FY-95 2 3	FY-99 2 2 1 1 2 2
FACT SHEET; C-9 3150 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	CHANGE ORDERS DATA SIM/TRAINER	SUPPORT-EQUIP INSTALLATION OF HARDWARE FY94 6 KITS FY96 6 KITS FY97 6 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 0UTPUT	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 1 OUTPUT 2

DATE 02/21/95

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE FEW UPGRADES. MN-4268

DESCRIPTION/JUSTIFICATION: THE C-9C MISSION COMMUNICATION SYSTEM (MCS) UPGRADE INCORPORATES
INMARSAT AND TERRESTRIAL AERONAUTICAL RADIOTELEPHONE SYSTEM (TARS) CAPABILITIES. INMARSAT
IS AN OFF-THE-SHELF CAPABILITY WHICH PROVIDES DIRECT ACCESS TO THE PUBLIC SWITCHED TELEPHONE
NETWORK AND MILITARY COMMUNICATIONS SYSTEMS. TARS IS FLITEFONE CAPABILITY WHICH PROVIDES TWO
CLEAR DIGITAL VOICE CHANNELS AND VHF WITH ENCRYPTION. MCS IS ESSENTIAL TO SUPPORT SPECIAL
AIR MISSIONS. THIS REQUIREMENT IS URGENT AND ENSURES CONTINUED SUPPORT FOR THE PRESIDENTIAL 41314F 6-0 OTO PE MISSION COMMUNICATION SYSTEM UPGRADES, MN-4268 26-2 MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO FY 1996 PRE

NO RDT&E REQUIRED. DEVELOPMENT STATUS: NONE.

	86	AMT		,	-
	F Y - 98	QΤΥ	1 1 1		
	97	AMT	1 1 1 1 1 1		
	FY-97	QΤΥ	1 1 1 1 1 1 1 1 1 1		
	96	QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT	1		
	FY-96	QΤΥ	! ! !		
	92	AMT	1 1 1 1		
	FY-95	0 T∀			
	94	AMT	111111		
	FY-94	QΤγ	1 1 1 1		
		QTY AMT	1 1 1 1		
LAN	PRIOR	φTγ	1 1 1		
IAL PLAN				4 \	
NANC				(0	
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PROJECTED FINANCIA				RDT&E (3600)	

2.2 1.8				ij
(2)				(2)
_ O. e.		4		- .
Ξ				Ξ
			HARDWARE	
KITS NONRECUR	EQUIP NONREC CHANGE ORDERS	DATA SIM/TRAINER	SUPPORT-EQUIP INSTALLATION OF	FY94 1 KIT FY95 2 KITS
	1.0	1.0 (1) .9 (2)	(1) 1.0 (2) (2) .9 (2)	1.0 (1) .9 (2) 3 4 .4

FOLLOW-ON LEAD TIME -- O MONTHS METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM 3 MONTHS INITIAL LEAD TIME --

0.9 ď

3.3

TOTAL COST (BP-1100) TOTAL INSTALL COST

	TO COMP TOTAL QTY AMT QTY AMT		3 2.7 3.2 7.2	4.	(1) (1) (1)	e.	ຕ . ຕ			
(CONTINUED)	•				•					
MISSION COMMUNICATION SYSTEM UPGRADES (CONTINUED)	FY-99 FY-00 QTY AMT QTY AMT								2/95 2/95	3 4 1 2 3 4 1 2 3 4 1 1 1 1 1 1 1
FACT SHEET; C-9 4268 MJ PROJECTED FINANCIAL PLAN (CON		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	CHANGE ORDERS DATA SIM/TRAINER	INSTALLATION OF HARDWARE FY94 1 KIT FY95 2 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	· MILESTONES: FY-94	CONTRACT-DATE (QTR/FY): 3/94 DELIVERY-DATE (QTR/FY): 4/94	INSTALLATION SCHEDULE: FY-94 QUARTERS 1 2 INPUT OUTPUT

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE 99S OF AIRCRAFT FY 1996 PROGRAM SERVICE BULLETINS, MN-99999S MODIFICATION MODIFICATION TITLE AND NO DATE 02/21/95 FY 1996 PRE

IPTION/JUSTIFICATION: C-9 IS AN FAA CERTIFIED AIRCRAFT. THERE ARE NUMEROUS MISCELLANEOUS SERVICE BULLETINS ANTICIPATED FOR INCORPORATION ON THE AIRCRAFT. THESE SERVICE BULLETINS AFFECT SAFETY, PRODUCT IMPROVEMENT, MAINTENANCE AND RELIABILITY. THEY ARE NECESSARY TO COMPLY WITH AND MAINTAIN FAA CERTIFICATION. 41314F 띰 C-9 A/C MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION:

DEVELOPMENT STATUS: N/A.

2.7 4. က AMT FY-98 FOLLOW-ON LEAD TIME -- OO MONTHS ٥T٧ 4 5.5 ტ. AMT FY-97 QΤΥ . 5 1.2 ო AMT FY-96 QT√ Э. Э 3.7 AMT FY-95 QTY OO MONTHS DEPOT 4.4 ო AMT FY-94 QTY A INITIAL LEAD TIME --METHOD OF IMPLEMENTATION: INSTALLATION AMT 3.4 PRIOR PROJECTED FINANCIAL PLAN INSTALLATION OF HARDWARE TOTAL COST (BP-1100) A/N TOTAL INSTALL COST PROCUREMENT (3010) RDT&E (3600) SIM/TRAINER SUPPORT-EQUIP SERVICE BULTN INSTALL KITS KITS NONRECUR EQUIP NONREC CHANGE ORDERS EQUIPMENT DATA

FACT SHEET; C-9 99999S SERVICE BULLETINS PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

		FÝ-99 QTY AM	9 FY-00 AMT 0TY AM	-00 AMT				70 VT0	TO COMP QTY AMT	TOTAL QTY	AMT
RDT&E (3600) N/A											
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT						·					
CHANGE ORDERS DATA											1.7
SIM/TRAINER SUPPORT-EQUIP SERVICE BULTN			2.4	. .5					1.6		18.7
INSTALLATION OF HARDWARE		1 1 1 1 1						!	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	
TOTAL COST (BP-1100)			2.4	1 .5					- 9.		20.4
MILESTONES:	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):											

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

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		BUDC	BUDGET ITEM JUSTIFICATION	STIFICATION	Z			DATE EEBBIIABY 1896	0V 100F
			(EXHIBIT I	T P-40)				ACROST .	0661 17
APPROPRIATION/BUDGET ACTIVITY	DGET ACT	YTIVI		P-1 ITE	P-1 ITEM NOMENCLATURE: C-17A	TURE: C-17A			
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS	UREMENT ,	AF/AIRCRAFT	MODIFICATION	S					
		FY 1994 FY 1995	FY 1995	FY 1996	FY 1997	FY 1998	FY1999	FY2000	FY2001
QUANTITY									
COST (In Mil)		\$3.472	\$6.065	\$12.687	\$24.411	\$12.687 \$24.411 \$22.226	\$5.033	\$0.855	\$0.318

standard 463-L pallets. The overall goal of the modifications budgeted in FY96 is to improve reliability and maintainability. The This line item funds modifications to the C-17 aircraft. The four engine C-17 is the only aircraft capable of routine delivery of outsize cargo (tanks, helicopters, etc.) to short, austere airfields. The aircraft can carry up to 102 troops, 48 litter patients, or 18 specific modifications budgeted and programmed are attached.

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PAGE NO.	
P.1 SHOPP LIST ITEM NO. 33	

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MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

AIRLIFT DEFENSIVE SYSTEMS (ADS), MN-6012 CLC C-17 CLASS P FY 1996 PRE

C-17

DESCRIPTION/JUSTIFICATION: ENHANCE C-17 OPERATIONAL CAPABILITIES WHILE OPERATING IN A LOW/MEDIUM THREAT ENVIRONMENT. EQUIPS THE C-17 WITH A MISSILE WARNING RECEIVER (MWR), AND COUNTER-MEASURE DISPENSER SYSTEM (CMDS). MODIFIES REMAINING 36 WITH GROUP A &B AND 80 WITH GROUP A ONLY (120 PE 41130F MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: RFP SENT TO CONTRATOR JUN 92. EXPECT ECP TO BE SUBMITTED JUL 93. ACCELERATED ADS UNDER NEGOTIATION. RFP RELEASED TO CONTRACTOR APR 94.

66.	AMT	
FY-99	917	
-98	QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT	
FY-98	γ±.	
.97	AMT	
FY-97	γ±.	
96-	AMT	
FY-96	¥10-	
e E	AMT	11.3
FY-95	¥T0	
	QTY AMT	17.7
AL PLAN PRIOR	QTY	
NCIAL		
FINA		3600)
PROJECTED FINANCIA		RDT&E (3600
PRO		. .

PROCUREMENT (3010)	48		4.7 18	4.7
KITS NONRECUR				
EQUIPMENT				
EQUIP NONREC		•		
CHANGE ORDERS				
DATA				
SIM/TRAINER				
SUPPORT-EQUIP				
INSTALLATION OF HARDWARE	(t		
FY97 18 KITS	(18)	7.7	(0)	
		,	(81)	1.4
******	i ! !			
TOTAL INSTALL COST	-	7.2	Σ.	4.7
		;	ç	•
TOTAL COST (BP-1100)	8	n.	D	

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM INITIAL LEAD TIME -- 6 MONTHS FOLLOW-ON LEAD TIME -- 3 MONTHS

(CONTINUED)

(ADS)	
SYSTEMS	
AIRLIFT DEFENSIVE SYSTEMS (ADS)	<u> </u>
AIRLIFT	(CONTINUED
6012	PLAN
C-17	NANCIAL
FACT SHEET; C-17	PROJECTED FINANCIAL PLAN

	TO COMP TOTAL OTY A		96		(18)	98	98		
								FY-98	1/98 2/98
	-01 AMT					! ! !		FY-97	2/97 3/97
	FY-01 AMT QTY AN					!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!		FY-96	i i i i
INUED)	FY-00 QTY A		·			1 1 1 1 1 1		FY-95	1 1 1 1
(CONTINUED								FY-94	
PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC	CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP	INSTALLATION OF HARDWARE FY97 18 KITS FY98 18 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

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4 5 0

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FY-97 2

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

FY-98 0 0 0

7.	14.6	24.0
	96	9 6

9.4

AMT

DATE 02/21/95

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE ACCELERATED AIRLIFT DEFENSIVE SYSTEM, MN-6012A CLC C-17 CLASS P

C-17A MODELS OF AIRCRAFT AFFECTED

MODIFICATION TITLE AND NO

FY 1996 PRE

PE 41130F

DESCRIPTION/JUSTIFICATION: ACCELERATED ENHANCEMENT TO THE C-17 OPERATIONAL CAPABILITY TO OPERATE IN A LOW/MEDIUM THREAT ENVIRONMENT. EQUIPS THE C-17 WITH A MISSILE WARNING RECEIVER (MWR) AND COUNTER MEASURE DISPENSER SYSTEM (CMDS). PROVIDES A NEAR TERM CAPABILITY FOR TWO

NO RDT&E REQUIRED. DEVELOPMENT STATUS:

AIRCRAFT.

AMT Fγ-98 ٩T AMT FY-97 QTY AMT FY-96 ٥T AMT FY-95 QTY AMT FY-94 QΤ AMT PRIOR QΤV PROJECTED FINANCIAL PLAN

RDT&E (3600) N/A

1.6 N PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIP NONREC CHANGE ORDERS SIM/TRAINER EQUIPMENT DATA

œ.

INSTALLATION OF HARDWARE FY94 2 KITS SUPPORT-EQUIP

TOTAL INSTALL COST

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1.5

(5)

TOTAL COST (BP-1100)

FOLLOW-ON LEAD TIME -- NA MONTHS CONTRACT FIELD TEAM 3 MONTHS METHOD OF IMPLEMENTATION: INSTALLATION --INITIAL LEAD TIME --

(CONTINUED)

SYSTEM	
DEFENSIVE	
AIRLIFT	
ACCELERATED AIRLIFT DEFENSIVE SYSTEM	(CONTINUED)
6012A	PLAN
; C-17	FINANCIAL
FACT SHEET; C-17	PROJECTED FINANCIAL PLAN

8	AMT	111111
FY-00	٩T٧	
66	AMT	11111
FY-99	0 1√	1

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIPMENT
EQUIPMENT
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE
FY94 2 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

FY-94

CONTRACT-DATE (QTR/FY): 4/94
DELIVERY-DATE (QTR/FY): 4/94

INSTALLATION SCHEDULE: FY-94 QUARTERS 1 2 3 INPUT QUTPUT

AMT	, «O.	- 9.		. .
	; ; ;		; ;	
TOTAL QTY	7		(2)	9 9
TO COMP QTY AMT				

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE AUTOMATED G-FILE/DIGITIZED T.O. SYSTEM , MN-6013 CLC C-17 CLASS P FY 1996 PRE MODIFICATION TITLE AND NO

PE 41130F

MODELS OF AIRCRAFT AFFECTED C-17

DESCRIPTION/JUSTIFICATION: REDUCES LIFE CYCLE COST BY REPLACING OVER 1000 LBS. OF MANUALS WITH ELECTRONICALLY STORED INFORMATION.

DEVELOPMENT STATUS: NONE. NO RDT&E REQUIRED.

PROJECTED FINANCIAL PLAN	LAN PRIOR	TOR	FY-94	.94	FY-95	95	FY-96	96	FY-97	97	FY-98	98
	01 ✓	AMT	ΔŢ	AMT	φıγ	AMT	Q T Y	AMI	٠ <u>-</u>	AMI	- - - -	AMI
RDT&E (3600) N/A	! ! ! !	1 										
PROCUREMENT (3010)									,			
INSTALL KITS					-	r.			34	ი. +		
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
RPLCMENT KITS					4	6						
INSTALLATION OF HARDWARE	ш											
FY95 11 KITS					Ξ	თ.						
FY97 34 KITS							!	1	(34)	4.	 	
TOTAL INSTALL COST	!	! ! !	! ! ! !	 	Ξ	6.			34	4.		
TOTAL COST (BP-1100)		•			Ξ	4.6			34	2.3		
METHOD OF IMPLEMENTATION: INSTALLATION CONTRACT FIELD TEAM INITIAL FAD TIME OF MONTHS	ION:	ON: INSTALLATION CONTRACT F	ATION -	CONTR	SACT FI	ELD TEA	IM FOLL	FOLLOW-ON LEAD TIME 04 MONTHS	EAD TIN	Ē 0	4 MONT	ş
		ן נו	1									

2.4

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AMT

TOTAL QTY

	TO COMP QTY AMT Q				٠.				
(CONTINUED)									425
J T.O. SYSTEM	O AMT		·	,					FY-97 4 1 2 3 11 12 11 12
AUTOMATED G-FILE/DIGITIZED T.O. SYSTEM (CONTINUED)	FY-99 FY-00 QTY QTY						FY-96 FY-97		FY-96 3 1 .2 3
	Ĭ			'	ı		FY-95	2/95 3/95	FY-95 2 3 8
FACT SHEET; C-17 6013 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS	SIM/TRAINER SUPPORT-EQUIP RPLCMENT KITS INSTALLATION OF HARDWARE FY95 11 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT

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AIRCRAFT MODIFICATION OF AIRC FY 1996 PROGRAM DATE 02/24/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CONTAINER DELIVERY SYSTEM ENHANCEMENT, MN-6015 CLC C-17 CLASS P FY 1996 PRE MODIFICATION TITLE AND NO

PE 41130F

MODELS OF AIRCRAFT AFFECTED C-17

DESCRIPTION/JUSTIFICATION: INCREASES CONTAINER DELIVERY FROM 30 TO 40 CONTAINERS PER AIRCRAFT.

FY-99 DEVELOPMENT STATUS: FY95 FUNDS WILL BE USED TO RETROFIT TEST AIRCRAFT AND FLIGHT TEST ٥T AMT FY-97 FY-96 FY-95 PRIOR PROJECTED FINANCIAL PLAN

AMT QT∀ AMT QΤΥ AMT QTY AMT 0T Y

12 Ξ RDT&E (3600) N/A PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR

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 Ξ INSTALLATION OF HARDWARE FY97 11 KITS FY98 12 KITS FY99 6 KITS FY02 11 KITS SIM/TRAINER SUPPORT-EQUIP AIRCRAFT EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA

(12) 7 TOTAL INSTALL COST

FOLLOW-ON LEAD TIME -- 12 MONTHS METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM INITIAL LEAD TIME -- 12 MONTHS

TOTAL COST (BP-1100)

-6

12

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(CONTINUED)

CONTAINER DELIVERY SYSTEM ENHANCEMENT	
SYSTEM	
DELIVERY	
CONTAINER	(CONTINUED)
6015	PLAN
FACT SHEET; C-17	PROJECTED FINANCIAL PLAN
SHEET;	CTED F
FACT	PROJE

		FY-00 QTY AM	AMT QTY AI	O1 AMT				TO COMP QTY AMT	i	TOTAL QTY	AMT
RDT&E (3600) N/A									•		
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC								Ξ	8	04	O. 6
DATA SIM/TRAINER SUPPORT-EQUIP AIRCRAFT											
INSTALLATION OF HARDWARE FY97 11 KITS FY98 12 KISS		•								12)	ຜູ ຕຸ
FY99 6 KITS FY02 11 KITS		1	7	i !				(11)	,4.	14)	. 4
TOTAL INSTALL COST			6.					Ξ	4.	40	4.2
TOTAL COST (8P-1100)			ø.					Ξ	3.2	40	10.2
MILESTONES: CONTRACT-DATE (QTR/FY):	FY-97 	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03				
DELIVERY-DATE (QTR/FY):	1/98	1/99	1/00								

DATE 02/21/95

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE UPGRADE TO 75/90 KVA GENERATOR, MN-6017 CLC C-17 CLASS P FY 1996 PRE MODIFICATION TITLE AND NO

UPGRADE TO LARGER GENERATORS WILL ASSURE SUFFICIENT AIRCRAFT ELECTRICAL 41130F PE 11-3 mm MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION

CAPACITY FOR FUTURE GROWTH. INSTALLATION COSTS (SHOWN BELOW) ARE BASED ON CONTRACIOR PROPUSA And includes recurring, non-recurring, and contractor field team install. These costs were n Separately priced in the proposal.	RECURRING, NON-RECURRING, AND CONTRACTOR FIELD TEAM INSTALL. THESE COSTS WERE NOT	A. NON-	DSAL.	ING, AN		2						ı
DEVELOPMENT STATUS:	NO RDT&E REQUIRED.	: REQUI	RED.									
PROJECTED FINANCIAL	PLAN PRIOR QTY	JR AMT	FY-94 QTY	94 AMT	FY-95 QTY	35 AMT	FY-96 QTY	.96 AMT	FY QTY	FY-97 TY AMT	FY-98 QTY	AMT
RDT&E (3600) N/A		1	1 1 1	 	! ! ! !		 	 	 	1	! ! !	! ! ! !
PROCUREMENT (3010) INSTALL KITS KITS MONREGIR					ល	89 80	8	2.5				
EQUIPMENT EQUIP NONREC												
DATA SIM/TRAINER												
SUPPORT-EQUIP MOD OF SPARES						ø.		<u>o</u> .				
INSTALLATION OF HARDWA FY95 5 KITS	IRE				(2)	ī.	(2)	<u>ب</u>			•	
C114 7 9611	!	.]	1	1	1	1	1 1 1	1 1 1	 		1 1 1	

FOLLOW-ON LEAD TIME -- 1 MONTHS METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM INITIAL LEAD TIME -- 1 MONTHS

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TOTAL COST (BP-1100) TOTAL INSTALL COST

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	AMT		. .	7.5	i	α.	13.6			
	TOTAL QTY		7		(2)	7	7			
	DMP AMT				! ! !					
	TO COMP QTY AM				1 1 1 1					
(CONTINUED)										
ERATOR	OO AMT				 					4
CVA GEN	FY-00 QTY AI					! ! !				FY-96 2 3
75/90 k	AMT.					1 1 1 1 1				22 ± 2
UPGRADE TO 75/90 KVA GENERATOR (CONTINUED)	FY-99 QTY /		·			i ! ! !		FY-96	1/96 1/96	4
			·					FY-95	2/95 2/95	FY-95 2 3 5
FACT SHEET; C-17 6017 PROJECTED FINANCIAL PLAN		⋖			WARE		©		/FY): (/FY):	ULE:
C-17 NANCIA		RDT&E (3600) N/A	3010) S LR S S	4 S:	S HARD	TOTAL INSTALL COST	TOTAL COST (BP-1100)		CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT
SHEET; CTED F1		&E (360	OCUREMENT. (30 INSTALL KITS KITS NONRECUR EQUIPMENT EQUIPMENT CQUIPMENT CANNGE ORDERS DATA	SIM/TRAINER SUPPORT-EQUIP MOD OF SPARES	ATION OF 5 KITS 2 KITS	INSTAI	COST	MILESTONES:	ACT-DA	LLATION SC QUARTERS INPUT OUTPUT
FACT		RDT	PROCUREMENT. (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA	SIM/TRAINER SUPPORT-EQUIP MOD OF SPARES	INSTALL FY95 FY96	TOTAL	TOTAL	MILES	CONTR	INSTA

DATE 02/21/95

ICATION OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE 400 POUND PARATROOPER SEAT, MN-6026 CLC C-17 CLASS P

DESCRIPTION/JUSTIFICATION: PROCURES AND INSTALLS A PARATROOPER SEAT ON EACH AIRCRAFT. THESE SEATS SUPPORT ARMY REQUIREMENTS, PROVIDE SAFETY AND SUPPORT TO THE OCCUPANT AND MEET THE REVISED C-17 TROOP SEAT SPECIFICATIONS. PE 41130F MODELS OF AIRCRAFT AFFECTED FY 1996 PRE MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: NO RDT&E REQUIRED. CONTRACTOR PROPOSAL RECEIVED 30 JUN 94. 1/96 BUDGETED CONTRACT AWARD CONSISTANT WITH PROGRAM PRIORITIZATION FOR EARLIEST FUNDING AVAILABILLTY.

•		-98	AMT
		FY-98	QΤV
		97	AMT
)		FY-97	QTY AMT QTY _AMT QTY AMT QTY AMT QTY AMT
- - - - - - - - - - - - - -		96	AMT
		FY-96	QTY.
		95	AMT
		FY-95	QΤΥ
		94	-AMT
		FY-94	QTY
		2	AMT
	LAN	PRIOR	φTγ
	IAL PI		
-	INANC		
	TED F		
	PROJECTED FINANCIAL PLAN		

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RDT&E (3600) N/A												
PROCUREMENT (3010)									ဖ	2.8	5	8.9
KITS NONRECUR	,						Ξ	4				
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA										9.		
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE	w											
FY97 6 KITS									(3)	₹.	.1 (4)	
FY98 15 KITS											(9)	რ.
FY99 5 KITS											1	1
	!		1	 	1 1 1	† 	l ! !	# \$ # !		-		
TOTAL INSTALL COST									N	-	2	r.
TOTAL COST (BP-1100)								4	ဖ	3.5	15	7.3
METHOD OF IMPLEMENTATION:	: NOI	INSTALLATION CONTRACT FIELD TEAM	ATION -	CONTE	SACT FI	ELD TEA	Σ					

MONTHS 4 FOLLOW-ON LEAD TIME MONTHS 6 --IMPLEMENIALION: ANSTALLATION INTIAL LEAD TIME

(CONTINUED)	TO COMP TOTAL OTY AMT		26 12.3		3. (5)	26 1.3	26 14.6			
										FY-99 2 4 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
AT	OO AMT				! ! ! !			FY-99	1/99 2/99	4 0 0 - 0 0
400 POUND PARATROOPER SEAT (CONTINUED)	AMT OTY A	1 1 1 1 1 1 1 1 1	2.7		15. C4.	۲.	4.6	FY - 98	1/98 2/98	FY-98 2 3 3 3
O POUND PAR TINUED)	FY-99 QTY	i i i i i	ທ		(8)	4	ທ	FY-97	1/97 4/97	400
9								FY-96		FY-97 2 3
FACT SHEET; C-17 602 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC	DATA SIM/TRAINER SUP/ORT-EQUIP INSTALLATION OF HARDWARE	FY97 6 KITS FY98 15 KITS FY99 5 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE INTERNAL GUSTS LOCKS, MN-6028

PE 41130F

MODIFICATION TITLE AND NO FY 1996 PRE

MODELS OF AIRCRAFT AFFECTED

DESCRIPTION/JUSTIFICATION: ACCUMULATORS WILL PROVIDE DAMPING FOR THE PRIMARY CONTROL SURFACES.

DEVELOPMENT STATUS: NONE. NO RDT&E REQUIRED.

AMT FY-98 01√ AMT FY-97 ٥T OTY AMT FY-96 AMT FY-95 ٩T AMT FY-94 QΤ AMT PRIOR QTY PROJECTED FINANCIAL PLAN

(2) 2.5 (13) 20 SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY96 20 KITS FY97 6 KITS RDT&E (3600) N/A PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT
EQUIP NONREC
CHANGE ORDERS DATA

FOLLOW-ON LEAD TIME -- 3 MONTHS 20 METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY INTER -- 3 MONTHS TOTAL COST (BP-1100)

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2.5

5

TOTAL INSTALL COST

	TO COMP TOTAL QTY AMT QTY AMT		26 3.1	(20) 3.4	1.1 (9)	26 4.5	26 7.6			
(CONTINUED)	AMT									4
8 INTERNAL GUSTS LOC (CONTINUED)	FY-99 FY-00 QTY AMT QTY AN	 							2/96 1/97 3/96 2/97	FY-96 FY-97 2 3 4 1 2 3 6 7 7 6
FACT SHEET; C-17 6028 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC	DATA SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE	FY96 20 KITS FY97 6 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS 1 INPUT

UNCLASSIFIED

		BUD	BUDGET ITEM JU	JUSTIFICATION			٥	DATE	
			(EXHIBIT I	IT P-40)				FEBRUARY 1995	r 1995
PROPRIATION/BUDGET ACTIVITY	VBUDGET AC	TIVITY		P-1 ITEM	P-1 ITEM NOMENCLATURE: C-21	RE: C-21			
AIRCRAFT PRO	OCUREMENT	AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATION	MODIFICATIONS						
		FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY2000	FY2001
QUANTITY									
COST (In MII)		\$0.283	\$2.508	\$4.654	\$3.952	\$1.015	\$1.336	\$1.376	\$1.418

This line item funds modifications to the C-21 aircraft. The C-21 aircraft is a twin-turbofan engine aircraft used for cargo and passenger airlift over medium ranges (2,000 miles). The major modification budgeted in FY96 is for procurement of the Global Positioning System. The specific modifications budgeted and programmed are attached.

PAGE NO. P-1 SHOPP LIST ITEM NO. 34

* * *** UNCLASSIFIED

DATE 02/21/95

AIRCRAFT FY 1996 PROGRAM P MODIFICATION

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-21 CLASS P

DESCRIPTION/JUSTIFICATION: NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) PROVIDES WORLDWIDE THREEDIMENSIONAL POSITIONING/NAVIGATION FOR MILITARY AIRCRAFT. THE SYSTEM HAS THREE SEGMENTS: USER
EQUIPMENT, SATELLITES, AND A CONTROL NETWORK. SATELLITES BROADCAST ACCURATE DATA WHICH USER
EQUIPMENT RECEIVES, COMPUTES PLATFORM POSITION AND VELOCITY, THEN PROVIDES STEERING VECTORS TO
TARGET LOCATIONS OR NAVIGATION WAYPOINTS. INTEGRATION OF GPS USER EQUIPMENT INTO THE C-21A WILL
REPLACE OMEGA NAVIGATION EQUIPMENT AND PROVIDE MORE ACCURATE POSITION AND VELOCITY INFORMATION
TO THE NAVIGATION FUNCTION GROUP. MAC 79 C-21AS, ANG 4 C-21AS. 41314F CLC C-21 퓝 NAVSTAR GPS, MN-3150 C-21A MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO FY 1996 PRE

DEVELOPMENT STATUS: THE DOD INTERSERVICE GROUP B CONTRACT CANNOT BE AWARDED UNTIL ALL FUNDS FROM ALL SERVICES ARE RECEIVED; THEREFORE, 2ND OTR AWARD IS PROGRAMMED TO ALLOW SUFFICIENT TIME FOR THE ADMINISTRATIVE DETAILS.

PROJECTED FINANCIAL P	PLAN		FY-94	46	FY-95	92	FY-96	96	FY-97	.97	FY-98	-98
	QΤΥ	AMT	QT.	AMT	QTY	AMT	¥10.	AMT	QTY	AMT	0TV	AMT
RDT&E (3600)	 	 	 	E.								
PROCUREMENT (3010)					-	ij	14	2.1	4	2.0		
KITS NONRECUR			•		Ξ	2.0 .1.	(41)		2.0 (41)	6.		
EQUIP NONREC												
DATA								4				
SIM/ IKAINEK SUPPORT-EQUIP OGC								*		*		•
INSTALLATION OF HARDWARE FYSS 1 KITS FYSS 4 KITS	a a				Ξ	-	-				(30)	<u>თ</u>
TOTAL INSTALL COST	1	 	! ! !	 	1	1.	! ! ! !	 	! ! !	! ! ! !	30	6.
TOTAL COST (BP-1100)					-	2.4	4	4.5	4	3.9		6.

FOLLOW-ON LEAD TIME -- 24 MONTHS

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT INITIAL LEAD TIME -- 6 MONTHS

NAVSTAR GPS (CONTINUED)

FACT SHEET; C-21 3150 PROJECTED FINANCIAL PLAN

(CONTINUED)

		FY-99 QTY) FY-00 AMT 0TY AN	OO AMT				0T 9T	TO COMP	TOTAL OTY	AMT
RDT&E (3600)		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		t 1 1 1				1 1 1 1 3			<u>ن</u>
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT										83	4 7 4 .3 0 .0
CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP			*						e. -		t. t
INSTALLATION OF HARDWARE FY95 1 KIT FY96 41 KITS FY97 41 KITS		(11)	.9 (+1)	e				; 1 3		41)	2.5.1
TOTAL INSTALL COST		4 1	1.2 11	1.3						83	3.5
TOTAL COST (BP-1100)			1.2	t.3					e	83	15.5
MILESTONES: CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	FY-94	FY-95 2/95 4/95	FY-96 2/96 2/98	FY-97 2/97 2/99	FY-98	FY-99	FY-00	FY-01	FY-02	F Y - 03	
INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	FY-95 2 3	4	FY-96 2 3	4	FΥ-97 2 3	4-	FY-98 2 3 10 10	4 0 0		• •	
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 11	FY-99 2 3 10 10	4 0 0	FY-00 2 3	4							

UNCLASSIFIED

		BUE	BUDGET ITEM J	USTIFICATION	NC			DATE	00 700E
			(EXHIBIT P-40)	r P-40)				TEBROARY 1880	1880 K
APPROPRIATION/BUDGET ACTIVITY	N/BUDGET A	CTIVITY	-	P-1 ITE	P-1 ITEM NOMENCLATURE: C-22	URE: C-22			
AIRCRAFT P	ROCUREMEN	AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS	MODIFICATION	NS.					
		FY 1994	FY 1995	FY 1996	FY 1997 FY 1998	FY 1998	FY1999	FY2000	FY2001
QUANTITY									
COST (In Mil)		\$0.000	\$5.072	\$0.670	\$0.391	\$0.291	\$0.200	\$0.206	\$0.212

used by the Air National Guard to airlift cargo and personnel. The major goal of the modification budgeted in FY96 is for the This line item funds modifications to the C-22B aircraft. The C-22B, a Boeing 727-100, is a three engine medium-range aircraft procurement of the Global Positioning System (GPS). The specific modification budgeted and programmed is attached.

-	-
AGE NO.	
P-1 SHOPP LIST ITEM NO. 35	
P-1 SHOP	

UNCLASSIFIED

		BUL	BUDGET ITEM JUSTIFI (EXHIBIT P-40)	JUSTIFICATION	N			DATE FEBRUARY 1995	RY 1995
PPROPRIATI	APPROPRIATION/BUDGET ACTIVITY	:TIVITY		P-1 ITEN	P-1 ITEM NOMENCLATURE: C-STOL	URE: C-STOL			
AIRCRAFT P	AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS	AF/AIRCRAFT	MODIFICATION		i				
		FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY1999	FY2000	FY2001
QUANTITY									
COST (In Mil)		\$0.091	\$0.694	\$.298	\$0.807	\$2.186	\$3.236	\$3.334	\$3.434

dedicated tactical airlifter. The overall goal of the modifications budgeted in FY96 is to fund service bulletins necessary to improve This line item funds modifications to the C-27 aircraft. The two engine C-27 is the only short takeoff and landing (STOL) theater reliability and maintainability, safety, and mission performance. The specific modifications budgeted and programmed are attached.

7/2	74.0	
PAGE NO.		
P-1 SHOPP LIST	ITEM NO. 36	

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE 99S MODIFICATION OF AIRCRAFT FY 1996 PROGRAM SERVICE BULLETINS, MN-99999S MODIFICATION TITLE AND NO DATE 02/21/95 FY 1996 PRE

DESCRIPTION/JUSTIFICATION: THESE ARE LOW COST (UNDER 900K EA) MODIFICATIONS NECESSARY TO IMPROVE RELIABILITY, MAINTAINABILITY, SAFETY AND MISSION PERFORMANCE AND TO REDUCE LOGISTICS COSTS. FY94 DOLLARS INCLUDE: TACTICAL TAKEOFF CHARTS, SERVICE LADDER REPLACEMENT, INADVERTENT LOSS OF WHEEL BRAKES, ING/TAS WINDS FIX, COCKPIT INSTRUMENT DISPLAYS NOT DIMMABLE, RMI POINTERS, PITCH SYNC SWITHC, STATIC LINE CABLE REAR ASSIP, STATIC LINE WINCH ELECTRICAL FLUCTUATIONS, CIRCUIT BREAKER PANEL LIGHTING, SINGARS HOMÍNG, TAXI LIGHTING, OLDS REPLACEMENT, AIRCRAFT AIR CONDITIONING DRAINAGE. FY95 IS FOR INFRARED COUNTERMEASURES (IRCM) INSTALLATION. 41315F PE C-27A MODELS OF AIRCRAFT AFFECTED

DEVELOPMENT STATUS: AS REQUIRED.

PROJECTED FINANCIAL PLAN			i		i	!	i	!	i	!	i	
	101	AMT Q	FΥ-94 QTΥ A		FY-95 QTY /	95 AMT	FY-96 QTY /	-96 AMT	FY-97	97 AMT	FY-98 QTY /	98 AMT
EDT&E (3600) N/A	! ! ! ! !	 	l 	 -	! ! !	! ! ! !	l 	2 5 6 6 6 6 6 7	 	! ! ! ! !	 	1 1 · · · 1 1
PROCUREMENT (3010) INSTALL KITS												
KITS NONRECUR												
EQUIP NONREC												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP SERVICE BLTN		7.4		-		7		6		80		0
F HARDWARE						•					•] : !
TOTAL INSTALL COST) [] 	 	 	 	 	! ! ! !	! ! !	 	1 1 1 1	
TOTAL COST (BP-1100)		4.7		Ξ.		7.		ღ.		60 .		2.2
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT INITIAL LEAD TIME 12 MOI	ON: INSTALLATION DEPOT INITIAL LEAD TIME 12 MONTHS	FALLATI	ON D	DEPOT 12 MON	THS		FOLL	FOLLOW-ON LEAD TIME12 MONTHS	AD TIN	E 4:	2 MONTH	v

FACT SHEET; C-27 99999S SERVICE BULLETINS PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

		FY-99 QTY AM	FY- T QTY	OO AMT				70 C	AMT	TOTAL QTY AMT
RDT&E (3600) N/A										
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA										
SUPPORT-EQUIP SERVICE BLIN INSTALLATION OF HARDWARE			3.2							12.0
TOTAL INSTALL COST				!						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
TOTAL COST (BP-1100)			3.2							12.0
MILESTONES:	FY-91	FY-92	FY-93 '	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	1 1 1	t t t t	1 	! ! !						

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

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		BUDG	BUDGET ITEM JU	JUSTIFICATION	7			DATE	
			(EXHIBIT I	IT P-40)				FEBRUARY 1995	RY 1995
APPROPRIATION/BUDGET ACTIVITY	UDGET ACT	VITY		P-1 ITE	P-1 ITEM NOMENCLATURE: C-137	FURE: C-137			
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATION	CUREMENT A	F/AIRCRAFT N	MODIFICATIONS						
		FY 1994 FY 1995	FY 1995	FY 1996	FY 1996 FY 1997	FY 1998 FY1999	FY1999	FY2000 FY2001	FY2001
QUANTITY									
COST (In Mil)		\$3.464	\$1.405	\$2.402	\$1.537		\$1.368 \$1.652	\$1.702	\$1.753

This line item funds modifications to the C-137 aircraft. The C-137 is a four engine aircraft used to airlift the vice-president, cabinet members, members of Congress and functions as backup to the VC-25 presidential aircraft. The overall goal of the modification budgeted in FY96 is to accomplish FAA directed service bulletins. The specific modifications budgeted and programmed are attached.

PAGE NO.	
P-1 SHOPP LIST ITEM NO. 37	

348

DATE 02/21/95

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC C-137 CLASS P SERVICE BULLETINS, MN-99999S

DESCRIPTION/JUSTIFICATION: THE C-137 IS AN FAA CERTIFIED AIRCRAFT. SERVICE BULLETINS ARE ISSUED TO CORRECT FAA IDENTIFIED DEFICIENCIES. THESE ARE PROGRAMMED AS CLASS IV MODIFICATIONS TO COMPLY WITH AND MAINTAIN FAA CERTIFICATION. 41216F PE C-137B/C MODELS OF AIRCRAFT AFFECTED FY 1996 PRE MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: N/A.

AMT FY-98 FY-97 FY-95 FY-94 PRIOR PROJECTED FINANCIAL PLAN

	OTY		AMT QTY		AMT QTY	AMT	ΔT	AMT	AMT QTY	AMT	QTY A	4
RDT&E (3600) N/A	V	1 1 1 1 1	! ! !	! ! ! ! !	1 	1 1 1 1 1 1 1 1 1	 	! ; ! !] 		
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP AIRCRAFT INSTALLATION OF HARDWARE	WARE	.		. 9.		o		o. +		0.		ļ
TOTAL INSTALL COST												
TOTAL COST (BP-1100)	(Q	6.1		6.		4.0		1 0.		4.0		
METHOD OF IMPLEMEN	IMPLEMENTATION: INSTALLATION DEPOT INITIAL LEAD TIME 12 MONTHS	INSTALL/	TIME -	DEPOT	NTHS		FOLLO	FOLLOW-ON LEAD TIME 12 MONTHS	EAD TIN	= ±	2 MONT	δ

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FACT SHEET; C-137 99999S SERVICE BULLETINS PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

		FY-99 QTY AN	AMT QTY A	OO AMT				7T0 7T0	TO COMP QTY AMT	TOTAL QTY AMT	T L
RDT&E (3600) N/A									•		
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA									î.	•	
SIMONATION OF HARDWARE				. 0.					- 0	15.0	15.0
TOTAL INSTALL COST		1 	:	· · ·				* .	-		r C
MILESTONES:	0	0 1 2	D. F.	- >	9 9 1	74 76 76	α σ 	6 6 1 >			2
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	7 ! 0 ! 1 - ! L !) i) i - i	† † † † † † † † † † † † † † † † † † †))) 	8			

INSTALLATION SCHEDULE: QUARTERS INPUT DUTPUT

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	DON	BUDGET ITEM JUSTIFI((EXHIBIT P-40)	JUSTIFICATION SIT P-40)	Z			DATE FEBRUARY 1995	۲۲ 1995
PPROPRIATION/BUDGET ACTIVITY	ET ACTIVITY		P-1 ITE	P-1 ITEM NOMENCLATURE: C-141	TURE: C-141			
AIRCRAFT PROCURE	AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATI	MODIFICATIONS	9					
	FY 1994 FY 1999		FY 1996	FY 1997	FY 1996 FY 1997 FY 1998	FY1999	FY2000	FY2001
QUANTITY								
COST (In Mil)	\$29.195	\$14.404	\$95.162	\$53.327	\$53.327 \$73.515		\$62.694 \$14.772	\$1.588

This line item funds modifications to the C-141 aircraft. The four engine C-141 delivers cargo and troops between strategic theaters of operation. It can carry up to 150 combat troops, 103 litter patients, or 13 standard 463-L pallets. The overall goal of the modifications budgeted in FY96 is to enhance flight safety while improving reliability and maintainability. The specific modifications budgeted and programmed are attached.

P-1 SHOPP	P-1 SHOPP LIST	PAGE NO.		1 1 1
	ITEM NO. 38			55
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DATE 02/21/95

FY 1996 PRE

OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC C-141 CLASS P

AWLS & AUTOPILOT, MN-13627B

THE MID-GO'S TECHNOLOGY. REPLACEMENT OF THE AWLS SYSTEM AS INSTALLED IN THE C-141 AIRCRAFT IS OF THE MID-GO'S TECHNOLOGY. REPLACEMENT OF THE AWLS SYSTEM INCLUDING THE AUTOPILOT SYSTEM IS DEEMED NECESSARY BECAUSE OF NONSUPPORTABILITY. CONTINUAL REPAIR & OVERHAUL OF AWLS COMPONENTS (LRUS) IN THE FIELD & AT THE DEPOT TECHNICAL REPAIR CENTER (TRC) HAVE RESULTED IN DIFFICULTY IN FINDING REPLACEMENT LRU SUB-PARTS TO SUPPORT THE PRESENT AWLS. MOD WILL PROVIDE STATE-OF-THE-ART AUTOPILOT WITH AUTOLAND CAPABILITY, A GROUND COLLISION AVOIDANCE SUBSYSTEM, AND ENHANCED INSTRUMENTATION FOR DISPLAY OF FLIGHT DIRECTION, ATTITUDE, HORIZONTAL SITUATION, ALTITUDE. 41118F Ä C-141B AIRSPEED, AND VERTICAL SPEED. MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO

JPMENT STATUS: ENGRG SPECS PREPARED ORGANICALLY. FLT TEST BEGINS AUG 93. ASP AUG 89. AC PLAN PREPARED. CONFIGURATION CONTROL BOARD MAR 88. (ACFT BREAKOUT: 21 ANG; 42 AFRES; 33 DEVELOPMENT STATUS:

	- X-38	OTY AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT	f 1 1 1	
i		0 T√	1 1 1 1	
	97	AMT	1 1 1 1 1	
i	FY-97	OΤΥ	 	
	96	AMT	1 1 1 1 1 1 1	
	FY-96	QΤΥ	1 1 1	
	FY-95	AMT	1 1 1 1 1	
	FΥ-	QΤΥ		
	FY-94	AMT	1 1 1 1 1	
	FΥ-	QTY	 	
	S. C.	AMT	1 1 1 1 1	
L PLAN	PRIOR	QTY		
SIAL F				V / N
NAN'L				(0098
PROJECTED FINANCIAL				DDIRE (3600)

•	1 .3	13.3				(5.0								7.7			1 1 1	2.7	19.3	
	4	(14)												(10)	(22)			1 1 1 1	25	4	
	2.3	21.1		,	6.2	- :	2.1			<u>-</u>			(9. 2.				 	3.5	37.3	
	25	(22)											(1)	(33)				! !	33	25	
	3.2	26.5		2.5	12.5	e. 9	9.						<u>-</u>					1 1	_	52.6	
	33	(33)			Ξ								Ξ					1		33	
						3.7						*						1 5 3 1		3.7	TEAM
												Ê						,	-		/FIELD
	æ.	6.9							3.5											10.9	DEPOT/
	-	Ξ																		-	NOI
		3.6	4 1 6 6	7.2	-	- .		13.2	14.0									1	! ! !	52.4	STALLAI
		-																	 	-	
	PROCUREMENT (3010) INSTALL KITS	KITS NONRECUR	EQUIP NONREC	A	SIM/TRAINER	PORT-EQUIP		CONTRACT NEG	TWARE	FLIGHT TEST	INSTALLATION OF HARDWARE	2 1 KITS	4 1 KITS	FY96 33 KITS	7 25 KITS	8 14 KITS	FY99 13 KITS	9 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	METHOD OF IMPLEMENTATION: INSTALLATION DEPOT/FIELD TEAM

FACT SHEET; C-141 13627B AWLS & AUTOPILOT PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

TO COMP TOTAL QTY AMT QTY AMT		01 60		1 - 0	` Ñ - -	~ ·	2 0 0			(14) 1.6 (13) 1.3 (9) 1.0(9) 1.0	0.1	1.0 96 209.9	FY-99 FY-00 FY-01				
													FY-98 F		FY-98 2 3 4 6 6 5 12 8 6		
													FY-97	1/97 1/98	4 £ 8 £ £	4 m	
													FY-96	2/96 2/97	FY-97 2 3 8 12	FY-01 2 3 3 3 3	
OO AMT		9.1	9.1								1.3	12.0	FY-95		4	4 to to	
AMT QTY A		1.2 9	(6)			9.0	1.7		!	က	1.6 13	20.7 9	FY-94	3/94 2/95	FY-96 2 3	FY-00 2 3 3 4 4	
FY-99 QTY A		13	(13)						•	14)	14	13	FY-93		4 -	4 W W	4
													FY-92	•	FY-95 2 3	FY-99 2 3 3 3 6 5	FY-02
	RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS	KITS NONRECUR EQUIPMENT	CHANGE ORDERS	DATA SIM/TRAINER	MIN	CONTRACT NEG SOFTWARE	FY92 1 KITS FY94 1 KITS	FY96 FY97		TOTAL INSTALL COST	TOTAL COST (8P-1100)	MILESTONES:	CONTRACT-DATE (OTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 5 OUTPUT 5	INSTALLATION SCHEDULE: QUARTERS 1

*** UNCLASSIFIED

9 MODIFICATION DATE 02/21/95

FY 1996 PRE

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC C-141 CLASS P FY 1996 PROGRAM NAVSTAR GPS, MN-3150

AIRCRAFT

IPTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) PROVIDES WORLDWIDE THREE-DIMENSIONAL POSITIONING/NAVIGATION FOR MILITARY AIRCRAFT. THE SYSTEM IS COMPRISED OF THREE SEGMENTS: USER EQUIPMENT, SATELLITES, AND CONTROL NETWORK. SATELLITES BROADCAST HIGH-ACCURACY DATA SIGNALS WHICH ARE RECEIVED BY USER EQUIPMENT TO COMPUTE PLATFORM POSITION/VELOCITY AND PROVIDE STEERING VECTORS TO TARGET LOCATIONS. CONTROL SEGMENT DAILY UPDATES THE NAVIGATION MESSAGES BROADCAST FROM THE SATELLITES. PE 41118F C-141B MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: GROUP B INCLUDES EMBEDDED GPS/INS. AIRCRAFT BREAKOUT: 21 ANG; 42 AFRES; 33 ACTIVE. R&D COMPLETE.

PROJECTED FINANCIAL PLAN

2 6.1 6.1 (2) 1.8 4.7 4.7 2 24.7 2 24.7	PROJECTED FINANCIAL PLAN	PRIOR	FY	FY-94	FY-95	95	FY-96	96-	FY-97	97	FY-98	98
DWARE T NTATION: INSTALLATION DEPOT/FIELD TEAM			QTY	AMT	QTV	AMT	QTY	AMT	ОΤУ	AMT	QTY	AMT
DWARE T OO) NTATION: INSTALLATION DEPOT/FIELD TEAM		1 5 1 1		 	 	t 1 1 1 1 1	 	† 	 	l f l l l	 	
DWARE T OO) NTATION: INSTALLATION DEPOT/FIELD TEAM	PROCUREMENT (3010)											
DWARE T OO) NTATION: INSTALLATION DEPOT/FIELD TEAM	INSTALL KITS						8	•			45	2.7
DWARE	KITS NONRECUR							6.1				
DWARE	EQUIPMENT						(5)	1.8			(45)	22.9
DWARE T OO) NTATION: INSTALLATION DEPOT/FIELD TEAM	EQUIP NONREC											
DWARE	CHANGE ORDERS											
4RE 	DATA							4.7				3.0
ARE	SIM/TRAINER										(21)	4.2
ARE	SUPPORT-EQUIP											7.8
ARE	SOFTWARE							12.0				
ARE	1553 DATA BUS											
ATION: INSTALLATION DEPOT/FIELD TEAM	INSTALLATION OF HARDWARE											
ATION: INSTALLATION DEPOT/FIELD TEAM	FY96 2 KITS										(5)	Τ.
ATION: INSTALLATION DEPOT/FIELD TEAM	FY98 45 KITS											
l 1												
			! ! ! !) 	! ! !	 - - - - -	 	 	1 1) !	 	2	
	TOTAL COST (BP-1100)						8				45	40.7
	METHOD OF IMPLEMENTATIO	IN: INSTAL	LATION TIME	DEPO	T/FIELD ONTHS	TEAM	101		- FAD 118	<u>.</u>	HONTH	v

NAVSTAR GPS (CONTINUED)

FACT SHEET; C-141 3150 PROJECTED FINANCIAL PLAN

(CONTINUED)

		1	FY-OO AMT QTY AN	-00 AMT			TO COMP QTY AMT	TOTAL QTY	AMT
RDT&E (3600)		t i i	 	1 3 5 6 1				· •	6.
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR		49	2.9					96	5.7
ÉQUIPMENT EQUIP NONREC CHANGE ORDERS		(49)	25.0						7.7
DATA SIM/TRAINER SUPPORT-EQUIP SOFTWARE									4.2 7.8 12.0
1553 DATA BUS INSTALLATION OF HARDWARE FY96 2 KITS								(2)	-,
FY98 45 KITS FY99 49 KITS		(45)	1.4 (49)	+ 4			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(45) (49)	4.4
TOTAL INSTALL COST		45	1.4 49	4.4				96	2.9
TOTAL COST (BP-1100)		49	29.3	4.4				96	96.1
MILESTONES:	FY-93	FY-96	FY-98	FY-99	FY-00				
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	** *** *** *** *** *** *** *** *** ***	2/96 2/98	2/98 2/99 2/99	2/99	† † † †				
INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	FY-98 1 1 1	4 -	FY-99 3 15 15 15 14	4 · 1 15 15 15 16	FY-00 2 3 15 15	4 4 R		• .	٠.

OF AIRCRAFT FY 1996 PROGRAM MODIFICATION DATE 02/21/95

FY 1996 PRE

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE HF AUTO COMM PROCESSOR (ACP), MN-3353 CLC C-141 CLASS P

MODELS OF AIRCRAFT AFFECTED

IPTION/JUSTIFICATION: PROVIDES FREQUENCY SCANNING CAPABILITY FOR HF RADIOS GREATLY IMPROVED LONG DISTANCE COMM CONNECTIVITY. ENHANCES PRESENT HF RADIO SYSTEM THROUGH THE USE OF FREQUENCY SCANNING AND SELECTION. IN ADDITION, THIS MODIFICATION PROVIDES A LIMITED ANTI-JAM CAPABILITY. THIS MODIFICATION IS AN INTEGRAL PART OF THE MAC COMMAND AND CONTROL UPGRADE PROGRAM. INSTALLATION OF SECOND ACP IN FY95, IN CONJUNCTION WITH ARC-190 HF RADIO VERSION-8 AND ANNUNCIATOR PANEL PROVIDES SELECTIVE CALLING FOR 177 C-141B AIRCRAFT. 41840F PE C-141B DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO

16 ANG; 34 AFR; AND ACFT BREAKOUT: QUANTITY PER AIRCRAFT IS 2. DEC 88. CCB: DEVELOPMENT STATUS:

FY-98 FY-96 FY-95 FY-94 PRIOR PROJECTED FINANCIAL PLAN 127 ACTIVE.

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AMT

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AMT

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AMT

16.4 (109) QT√ 9. AMT 224 2 QT Y RDT&E (3600) N/A PROCUREMENT (3010) INSTALL KITS KITS NONRECUR CHANGE ORDERS EQUIP NONREC SIM/TRAINER EQUIPMENT DATA

SUPPORT-EQUIP
INSTALLATION OF HARDWARE

22.9 226 TOTAL COST (BP-1100) TOTAL INSTALL COST

FOLLOW-ON LEAD TIME -- 10 MONTHS

ORG/INTERMEDIATE INITIAL LEAD TIME -- 10 MONTHS METHOD OF IMPLEMENTATION: INSTALLATION

	AMT		19.3 19.3	6.4.0 6.4.0	 	25.8	-	
	TOTAL QTY		224 2		1	226		
	TO COMP QTY AMT							
(CONTINUED)								
							FY-94	
ACP)	OO AMT				† ! !		FY-92	4/93 3/94
OCESSOR (FY-00 IT QTY AM				!		FY-91	3/91 2/92
HF AUTO COMM PROCESSOR (ACP)	FY-99 QTY AMT				! ! ! !		FY-90	
							FY-89	4/90 3/91
FACT SHEET; C-141 3353 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC	CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

** *** UNCLASSIFIED

MODIFICATION DATE 02/21/95

ICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE MN-3455 AIRLIFT DEFENSIVE SYSTEMS, MN-3455 MODIFICATION TITLE AND NO FY 1996 PRE

DESCRIPTION/JUSTIFICATION: THE C-141 USERS HAVE A MISSION REQUIREMENT FOR ELECTRONIC WARFARE DEFENSIVE SYSTEMS WHICH WILL IMPROVE AIRCREW SURVIVABILITY. THE ELECTRONIC WARFARE DEFENSIVE SYSTEMS WILL CONSIST OF A MISSILE WARNING RECEIVER AND A FLARE AND CHAFF DISPENSER. PE 41118F C-141B MODELS OF AIRCRAFT AFFECTED

DEVELOPMENT STATUS: THIS ENHANCEMENT (ADS) WILL BE MADE TO 70 C-141B AIRCRAFT. 13 AIRCRAFT HAVE BEEN PREVIOUSLY MODIFIED WITH INFRARED COUNTER MEASURES (IRCM)--PROJECT SNOWSTORM, MN 3449; AND 13 ADDITIONAL AIRCRAFT WILL BE MODIFIED WITH DEFENSIVE SYSTEMS UNDER SOFI. IN ALL, 96 C-141B AIRCRAFT WILL BE MODIFIED WITH DEFENSIVE SYSTEM SUITES. GROUP - B FIELD INSTALLED. FOLLOW-ON

	FY-98
	FY-97
•	FY-96
	FY-95
MONTHS.	FY-94
ES TO THREE	IN PRIOR
LEAD TIME DECREASES TO THREE MONTHS.	PROJECTED FINANCIAL PLAN P
_	PROJEC

TRUDECIED TIMENOIAL PE	rcan PRIOR	80	FY-94	94	FY-95	r.	FY-96		, ,	76	4 - 98	86
	QTY	AMT	QΤΥ	AMT	QTY	AMT	ΟTΥ	AMT	QTY AM	AMT	ΥΤ 0	AMT
RDT&E (3600)	1	2.0	! ! ! !	! ! !	1 1 1 1	 	 	 	l l l	 	1 1 1	
PROCUREMENT (3010)			,	•		(•			•	•
INSTALL KITS KITS NONRECUR		-	72		.	2.3	.	2.3	15	-	7	თ.
EQUIPMENT		1.3	(12)	0.7	(18)	2.5	(18)	9.0	(15)	÷.9	(7)	б .
EQUIP NONREC								2.0				
CHANGE ORDERS										4.		1.2
DATA		-				7.		9.1				
SIM/TRAINER		89.										
SUPPORT-EQUIP		9.		-		-		1.0				
INSTALLATION OF HARDWARE												
FY94 12 KITS					(12)	1.2						
FY95 18 KITS							(18)	1.4				
FY96 18 KITS									(18)	2.6		
FY97 15 KITS											(12)	1.7
FY98 7 KITS			!									
TOTAL INSTALL COST					12	1.2	18	1.4	18	2.6	15	1.7
TOTAL COST (BP-1100)		2.9	2.9 12	4.8	18	7.7	48	12.8	15	6.8	7	4.7
METHOD OF IMPLEMENTATI	FATION: I	INSTALLATION DEPOT/FIELD TEAM	- NOIT	- DEPOT	/FIELD	TEAM						

FOLLOW-ON LEAD TIME -- 06 MONTHS INITIAL LEAD TIME -- 03 MONTHS

AIRLIFT DEFENSIVE SYSTEMS (CONTINUED)

FACT SHEET; C-141 3455 PROJECTED FINANCIAL PLAN

(CONTINUED)

		,	9 FY-00 AMT QTY AI	-00 AMT				T0 VTV	TO COMP	TOTAL QTY	AMT
RDT&E (3600)		 	 	 							2.0
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP			, 9			·				70	2.1.0.4.0.2.0.2.0.2.0.2.0.2.0.2.0.2.0.2.0.2
INSTALLATION OF HARDWARE FY94 12 KITS FY95 18 KITS FY96 18 KITS FY97 15 KITS FY97 7 KITS			&					 		12) 18) 18) 18) 15)	2.1 4.1 7.1 8.
TOTAL INSTALL COST		7	٠.							70	7.7
TOTAL COST (BP-1100)			3.4							70	43.1
MILESTONES:	FY-90	FY-92	FY-93	FY-94	F Y - 95	FY-96	FY-97	FY-98	FY-99		
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	: . : : : : :	1 1 1 1 F		2/95 3/95	3/95 1/96	1/96 3/96	1/97 2/97	1/98 2/98			
INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	FY-94 2 3	4	FY-95 2 3 6	4 W W	FY-96 2 3 9	4 0 0 - 6 0	FY-97 2 3 3 6	4 o o			
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 3 OUTPUT 6	FY-98 2 3 3 3	4 0 E - E 0	F	4			·				

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OF AIRCRAFT FY 1996 PROGRAM MODIFICATION DATE 02/24/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE ENGINE INSTRUMENT DISPLAY SYSTEM, MN-6040 CLC C-141 CLASS P FY 1996 PRE

DESCRIPTION/JUSTIFICATION: REPLACES EXISTING TAPE-TYPE SYSTEM WITH LIQUID CRYSTAL DISPLAY SYSTEM.

6"X8" DISPLAY WILL BE MOUNTED IN SAME LOCATIONS AS EXISTING VERTICAL TAPE DISPLAY SYSTEM INDICATORS. RECEIVES INFORMATION THROUGH A MULTI-PURPOSEINTERFACE BOX (DISPLAY DRIVER & CONVERTER) FROM ENGINE SENSORS AND DISPLAY THE INFORMATION IN DIGITAL COMMONALITY WITH OTHER DISPLAY AND ELIMINATES ALL MOVING PARTS. INCLUDES INSTALLATION OF PILOT'S AND ENGINEER'S DISPLAYS, DISPLAY DRIVER, AND WIRING. DISPLAYS THE FOLLOWING PARAMETERS: N1, N2, EGT, FUEL FLOW AND EPR. MORE RELAIBLE AND ACCURATE THAN PRESENT SYSTEM. 41118F PE C-141B MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: AIRCRAFT BREAKOUT: 21 ANG, 42 AFRES, 33 ACTIVE (TOTAL: 96).

PROJECTED FINANCIAL PLAN			ì	ı.	2	ç	70.77	70	- N	α	7 × 3	σ	
	PRIOR QTY ,	JR AMT	4. 4. 95 0TY	95 AMT	017 017	AMT	φTγ	AMT	QTY	AMT	QTY	AMT	
RDT&E (3600) N/A	, 	1 1 1 1 1 8) 		•					٠.	
PROCUREMENT (3010)							ر بر	r.	e.	7	34	7	
INSTALL KITS KITS NONRECUR							3 (,	· (,		
EQUIPMENT							(22)	4 8	(32)	6.7	(34)	6	
EQUIP NONREC													
CHANGE ORDERS								•				α	
DATA							(1)						
SIM/TRAINER							(12)	<u>.</u>					
SUPPORT-EQUIP								0					
INSTALLATION OF HARDWARE									100	•			
FY97 25 KITS									(22)	4.	(20)	C	
FY98 35 KITS											(25)	٥.	
FY99 34 KITS							1			1	1	1	
TOTAL INSTALL COST	1	 	! ! !	! ! ! !) { { !	1 			25	4.	35	9.	
TOTAL COST (BP-1100)							25	80.3	35	7.8	34	89.0	
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT/FIELD TEAM INITIAL LEAD TIME 12 MONTHS	INITIA	DN: INSTALLATION INITIAL LEAD TIME	ATION TIME	DEPOT/FIEL 12 MONTHS	T/FIEL	D TEAM	FOLL	OW-ON L	EAD TII	FOLLOW-ON LEAD TIME 12 MONTHS	2 MONTH	£S	

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FACT SHEET; C-141 6040 ENGINE INSTRUMENT DISPLAY SYSTEM PROJECTED FINANCIAL PLAN (CONTINUED)

		۷00	AMT QTY	O1 AMT							TO COMP QTY AMT	TOTAL QTY	AMT
RDT&E (3600) N/A		! !	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	! ! !							-		
PROCUREMENT (3010)												94	4.9
KITS NONRECUR EQUIPMENT													18.0
CHANGE ORDERS DATA SIM/TRAINER													± + + + = = = = = = = = = = = = = = = =
SUPPUKI-EGUIF INSTALLATION OF HARDWARE FY97 25 KITS. FY98 35 KITS FY99 34 KITS		(33)	ø.	1								(25) (35) (33)	4.0.0
TOTAL INSTALL COST		33	9.	 								66	÷.
TOTAL COST (BP-1100)			ø _.									94	25.3
MILESTONES:	FY-96	FY-97	FY-98	FY-99	FY-00	_	FY-01						
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	 	1/97	1/98	1/99	1/00		 						
INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	FY-97 2 3	4 - 1	FY - 98 2 - 98 6 6 6	4 9 8	FY-99 2 8 10 1	m n O	4 O 1 O 8 B	FY-00 2 9	00 3	4 & &			
INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	FY-01 2 3	4											

* * *** UNCLASSIFIED

OF AIRCRAFT

MODIFICATION DATE 02/21/95

FY 1996 PROGRAM

SATCOM, MN-6046

FY 1996 PRE

MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC C-141 CLASS P

PE 41118F

DESCRIPTION/JUSTIFICATION: INSTALLS A DUAL PURPOSE SATCOM/GPS ANTENNA TO SUPPORT THE USE OF A PORTABLE COMMERCIAL L-BAND SATCOM. THE CAPABILITY IS NEEDED TO PROVIDE INCREASED OPERATIONAL EFFECTIVENESS FOR CRITICAL COMMAND AND CONTROL COMMUNICATIONS AND PRECISION NAVIGAT ION FOR STRATEGIC AND TACTICAL AIRLIFT/AIRDROP MISSIONS. FY-96 QTY NO RDT&E REQUIRED DEVELOPMENT STATUS: NONE. PROJECTED FINANCIAL PLAN

FY-98

AMT

AMT

AMT

AMT

0T√

PRIOR

FY-95 QΤ

FY-97 OTY

> AMT ΔT RDT&E (3600) N/A PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIP NONREC EQUIPMENT

CHANGE ORDERS SIM/TRAINER DATA

ღ. 3.6

124 (124) ល

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

124

FOLLOW-ON LEAD TIME -- NA MONTHS

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- 02 MONTHS

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(CONTINUED)

SATCOM	(27017 1800)
6046	2
C-141	INANCIAL
FACT SHEET; C-141 6046	PROJECTED

8	AMT
FΥ-	QTY AN
	AMT
FY-99	QΤΥ

TOTAL QTY

AMT

TO COMP QTY AMT

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE RDT&E (3600) N/A

TOTAL COST (BP-1100) TOTAL INSTALL COST

MILESTONES:

CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

FY-96

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

4.5 ლ. 3.6 ĸ. 124 124

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ICATION OF AIRCRAFT FY 1996 PROGRAM MODIFICATION DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CL C-141 CLASS P WEEP HOLE REWORK, MN-64092B MODIFICATION TITLE AND NO FY 1996 PRE

MODELS OF AIRCRAFT AFFECTED

DESCRIPTION/JUSTIFICATION: FATIGUE TESTING HAS IDENTIFIED FATIGUE CRACKING IN THE INNER WING LOWER SURFACE WEEP HOLES AND PANEL RISERS. THIS MODIFICATION INCLUDES QUALITY HOLE REAM-UP AFTER 100 PERCENT NON-DESTRUCTIVE INSPECTION (NDI), FOLLOWED BY INSTALLATION OF A PROTECTIVE SLEEVE, NECESSARY TO MEET PROGRAMMED SERVICE LIFE. 41118F PE C-141B

DEVELOPMENT STATUS: NO ECP REG'D. CONFIGURATION CONTROL BOARD: JUN 84. (AIRCRAFT BREAKOUT: 16 ANG; 16 AFR; AND 214 ACTIVE).

AMT FY-98 ΟTΥ AMT FY-97 QTY AMT FY-96 OΤ AMT FY-95 QTY A AMT QΤΥ AMT PRIOR QΤγ PROJECTED FINANCIAL PLAN

RDT&E (3600) N/A

<u>.</u> -<u>თ</u> 265 PROCUREMENT (3010) KITS NONRECUR CHANGE ORDERS SUPPORT-EQUIP INSTALL KITS EQUIP NONREC SIM/TRAINER EQUIPMENT DATA

130 (130) INSTALLATION OF HARDWARE FY90 130 KITS TOOL ING

TOTAL INSTALL COST

266 TOTAL COST (BP-1100)

2.1 2.1

FOLLOW-ON LEAD TIME METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT INTIAL LEAD TIME -- 12 MONTHS

MONTHS

0

FACT SHEET; C-141 64092B WEEP HOLE REWORK PROJECTED FINANCIAL PLAN (CONTINUED)

A/N (0000) 178100		FY-99 QTY A	AMT QTY AN	00 AMT				0T VTQ	COMP	TOTAL OTY	AMT
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA										265 1	0 -
SIM/TRAINER SUPPORT-EQUIP TOOLING INSTALLATION OF HARDWARE FY90 130 KITS		1		! ! ! !				1		130)	6. +:1
TOTAL INSTALL COST										130	. 4
TOTAL COST (BP-1100)										766	4
MILESTONES:	FY-85	FY-86	FY-87	FY-88	FY-89	FY~90	FY-91	FY-92	FY-93	FY-94	
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):		1/86 3/86	1/87 3/87	1/88 3/88	1/89 3/89						
INSTALLATION SCHEDULE: QUARTERS 14 INPUT 14	FY-90 2 3 14 7	4 6 + t	FY-91 2 3	4	FY-92 2 3	4	FY-93 2 3 10 10	38 38 38			
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 38 OUTPUT 38	FY-94 2 3 39 39 39 39	4 6 6 9 9 4									

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CATION OF AIRCRAFT FY 1996 PROGRAM MODIFICATION DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC C-141 CLASS P MODIFICATION TITLE AND NO FY 1996 PRE

C-141 MODELS OF AIRCRAFT AFFECTED

PE 41118F ARMOR PLATING, MN-8109

NO RDT&E REQUIRED. DEVELOPMENT STATUS: N/A.

DESCRIPTION/JUSTIFICATION: INSTALL ARMOR PLATTING ON 26 AMC AIRCRAFT FOR PROTECTION FROM SMALL ARMS FIRE DURING EXECUTION OF PROVIDE PROMISE AND OTHER CONTINGENCIES.

PROJECTED FINANCIAL PLAN

AMT FY-98 QTY AMT FY-97 QTV AMT FY-96 QTY AMT FY-95 QT√ FY-94 QTV AMT PRIOR QTY

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT

2.3

1.4 (13)

EQUIP NONREC CHANGE ORDERS DATA

SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- 3 MONTHS

MONTHS FOLLOW-ON LEAD TIME -- 3 *** UNCLASSIFIED ***

ARMOR PLATING (CONTINUED) FACT SHEET; C-141 8109 PROJECTED FINANCIAL PLAN

AMT FY-00 QTY A FY-99 QTY AMT

(CONTINUED)

TOTAL QTY

AMT

TO COMP

3.7

3.8

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS

SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE

TOTAL COST (8P-1100)

TOTAL INSTALL COST

MILESTONES:

FY-94 FY-93

CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

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FY 1996 PROGRAM MODIFICATION DATE 02/21/95

FY 1996 PRE

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE APN 169-C ESKE OVERWATER DEFICIENCIES, MN-T8221 CLC C-141 CLASS P

OF AIRCRAFT

MODELS OF AIRCRAFT AFFECTED

PTION/JUSTIFICATION: THE STATION KEEPING EQUIPMENT (SKE) HAS OBSERVED VERY POOR PERFORMANCE WHILE FLYING FORMATIONS OVER WATER AND EXPERIENCES PROBLEMS AT CERTAIN DOWN LOOK ANGLES OVER WATER. THIS WILL SERVERLY IMPACT AMC'S ABILTIY TO EFFCTIVELY DELIVER AND SUPPORT COMBAT COMMANDERS AND THEIR FORCES DURING WAR AND CONTINGENCIES DUE TO SKE SYSTEM ERRORS WHILE 41118F ם C-141B OPERATING OVER WATER. DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO

N/A DEVELOPMENT STATUS:

AMT FY-98 QΤΥ AMT FY-97 77 AMT FY-96 o1 Y AMT FY-95 QTY AMT FY-94 QTY AMT PRIOR QT√ PROJECTED FINANCIAL PLAN

RDT&E (3600) N/A

PROCUREMENT (3010) KITS NONRECUR CHANGE ORDERS INSTALL KITS EQUIPMENT EQUIP NONREC SIM/TRAINER DATA

9.0

142

SUPPORT-EQUIP INSTALLATION OF HARDWARE FY94 142 KITS

TOTAL INSTALL COST

3.2 142

142 (142)

TOTAL COST (BP-1.100)

MONTHS FOLLOW-ON LEAD TIME -- 1 CONTRACT FIELD TEAM 1 MONTHS METHOD OF IMPLEMENTATION: INSTALLATION -INITIAL LEAD TIME -- *** UNCLASSIFIED ***

APN 169-C ESKE OVERWATER DEFICIENCIES (CONTINUED) FACT SHEET; C-141 T8221 PROJECTED FINANCIAL PLAN

FY-00 QTY A AMT FY-99 QTY

RDT&E (3600) N/A

SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY94 142 KITS PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA

TOTAL INSTALL COST

TOTAL COST (8P-1100)

, MILESTONES:

3/94 4/94 CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

FY-94 2 INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT

FY-94

e 4 2

142

(CONTINUED)

TOTAL QTY

AMT

TO COMP QTY AM

3.0

142

3.2

142) 142 142

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		BODG	BUDGET ITEM JU	JUSTIFICATION	7			DATE	
			(EXHIBIT I	IT P-40)				FEBRUARY 1995	RY 1995
APPROPRIATION/BUDGET ACTIVITY	SUDGET ACTI	VITY		P-1 ITE	P-1 ITEM NOMENCLATURE: T-1	TURE: T-1	,		
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATI	CUREMENT A	NE/AIRCRAFT A	MODIFICATIONS	S		-			
		FY 1994 FY 1995		FY 1996	FY 1996 FY 1997 FY 1998	FY 1998	FY1999	FY2000	FY2001
QUANTITY									
COST (In Mil)		\$0.0	\$0.0	\$5.762	\$8.451	\$8.453	\$9.478	\$0.010	\$0.0

USAF Specialized Undergraduate Pilot Training (SUPT) for Air Education and Training Command (AETC). It is powered by two Pratt and Whitney JT15D-5 turbofan engines mounted on the aft fuselage producing 2,900 pounds of thrust each. Avionics include UHF and VHF radios, INS, TACAN, ADF, and two VOR/ILS. The overall goal of the modifications budgeted in FY96 is to enhance operational capability through the addition of Global Positioning System. The specific modifications budgeted and This line item funds modifications to the T-1A aircraft. The T-1A is a missionized Beech 400A used in the Airlift/Tanker track of programmed are attached.

GENO.	370	
P-1 SHOPP LIST	ITEM NO. 39	

UNCLASSIFIED

DATE 02/21/95

FY 1996 PRE

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM MODIFICATION TITLE AND NO

NAVSTAR GPS, MN-3150

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC T-1 CLASS P CLC T-1

MODELS OF AIRCRAFT AFFECTED

PE 84741F

DESCRIPTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING (GPS) PROVIDES WORLDWIDE THREE-DIMENSIONAL POSITIONING/NAVIGATION FOR MILITARY AIRCRAFT. THE SYSTEM IS COMPOSED OF THREE SEGMENTS: USER EQUIPMENT, SATELLITES, AND A CONTROL NETWORK. SATELLITES BROADCAST VELOCITY AND PROVIDE STEERING VECTORS TO TARGET LOCATIONS. CONTROL SEGMENT UPDATES DAILY THE NAVIGATION MESSAGES BROADCAST FROM THE SATELLITES.

N/A DEVELOPMENT STATUS:

FY-97 FY-96 PROJECTED FINANCIAL PLAN

AMT FY-98 QΤΥ AMT ٥T٧ AMT OΤ AMT FY-95 QΤΥ AMT FY-94 QT√ AMT PRIOR ٥T

55 3.7 4 6.1 PROCUREMENT (3010) RDT&E (3600) INSTALL KITS

3.0 5. 2.6 2.0 KITS NONRECUR CHANGE ORDERS SUPPORT-EQUIP PROGRM MGMT EQUIP NONREC SIM/TRAINER EQUIPMENT

ď

INSTALLATION OF HARDWARE

DATA

41 KITS 55 KITS FY99 55 KITS

FY97

FY98

FY96 1 KIT

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8.5 8 .5 വ യ

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30

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT INITIAL LEAD TIME -- 15 MONTHS

TOTAL COST (BP-1100)

TOTAL INSTALL COST

-- 15 MONTHS FOLLOW-ON LEAD TIME PAGE 231

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				~ ^	,	61 61 ·	-	~			
	AMT	6.1	13.9	7.3 9.0	9.	. 8.8	4.	32.3			
	TOTAL QTY		151			(41) (55) (55)	152	152			·
	MPAMT										
	TO COMP QTY AM					! ! ! 1				ř	
											4 8 8
(CONTINUED)							•				0 8 8 8 8 1
(CONT											FY-00 2 19 19
											- 4 4
		** -									4 4 4
									FY-00		66 E <u>4 4</u>
									<u>}</u> !		FY-99 2 13 13
•		<u> </u>				* *	i i		FY-99	1/99 2/00	-==
	FY-00 'Y AMT	! ! !							<u>.</u>	76	400
	F.Y QT.Y	 				(14) (55)	69		FY-98	1/98 2/99	FY-98 2 3 10 10
	AMT		ر 1.	0		* 0!	. 2	9.5	Ĺ. i	i - -' 0i	₹.4 6 6
NAVSTAR GPS ONTINUED)	FY-99 QTY	i ! ! !	១ខ				52	ស	FY-97	1/97	4 +
9									FY-96	2/96 1/97	FY-97 2 3
3150 PLAN						ARE E		_		FY): FY):	
-1 VCIAL			6			OF HARDWARE S S	COST	- 1100		(QTR/FY): (QTR/FY):	CHEDU IT
FINAL		3600)	(301) ITS ECUR REC	DERS ER	QUIP	N 0F 17S 17S 17S	TALL	т (вр	.;	DATE DATE	LATION SCI QUARTERS INPUT
FACT SHEET; T-1 319 PROJECTED FINANCIAL PLAN		RDT&E (3600)	OCUREMENT (30 INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP	CHANGE ORDERS DATA SIM/TRAINER	SUPPORT-EQUIP PROGRM MGMT	STALLATION OF FY96 1 KIT FY97 41 KITS FY98 55 KITS FY99 55 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE DELIVERY-DATE	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT
FACT		Q	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC	CHANG DATA SIM/T	SUPP PROG	INSTALLATION FY96 1 KIT FY97 41 KIT FY98 55 KIT FY99 55 KIT	TOTA	TOTA	MILE	CONT DEL I	INSI

UNCLASSIFIED

		BUDG	BUDGET ITEM JUS	JUSTIFICATION	7			DATE	
			(EXHIBIT P-40)	-40)				FEBRUARY 1995	RY 1995
PPROPRIATION/BUDGET ACTIVITY	UDGET ACTIV	ITY		P-1 ITE	P-1 ITEM NOMENCLATURE: T-3	TURE: T-3			
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICAT	CUREMENT A	F/AIRCRAFT M	IODIFICATIONS						
-		FY 1994 FY 199	FY 1995	FY 1996	95 FY 1996 FY 1997 FY 1998 FY1999	FY 1998	FY1999	FY2000	FY2001
QUANTITY									
COST (In Mil)		\$0.0	\$0.0	\$0.078	\$0.078 \$0.155	\$0.159	\$0.167	\$0.172	\$0.177

The T-3 is a single engined, propeller driven, two seat (side-by-side), trainer used by AETC as a basic trainer in Undergraduate Pilot Training. The overall goal of the modifications budgeted in the FY96 is to enhance flight safety while improving reliability and maintainability. The specific modifications budgeted and programmed are attached.

P-1 SHOPP LIST ITEM NO. 40

PAGE NO.

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		BUDG	BUDGET ITEM JU	JUSTIFICATION	7			DATE	
			(EXHIBIT I	IT P-40)				FEBRUARY 1995	RY 1995
APPROPRIATION/BUDGET ACTIVITY	UDGET ACTIN	/ITY		P-1 ITE	P-1 ITEM NOMENCLATURE: T-38	TURE: T-38			
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATION	CUREMENT A	F/AIRCRAFT	MODIFICATIONS	S					
		FY 1994	FY 1995	FY 1996	FY 1996 FY 1997 FY 1998	FY 1998	FY1999	FY2000 FY2001	FY2001
QUANTITY						-			
COST (In Mil)		\$14.300	\$14.300 \$25.447	\$11.487	\$15.410	\$31.321	\$128.913	\$11.487 \$15.410 \$31.321 \$128.913 \$118.244 \$124.063	\$124.063

Training, and by ACC as a companion training aircraft. The overall goal of the modifications budgeted in FY96 is to enhance The T-38 is a twin engine, two seat (tandem), supersonic jet trainer used by AETC as an advanced trainer in Undergraduate Pilot safety of flight. The specific modifications budgeted and programmed are attached.

172	FIED
PAGE NO.	UNCLASSIFIE
P-1 SHOPP LIST ITEM NO. 41	

DATE 02/21/95

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE FUS STA 325 BULKHEAD FORMER CHANGEOUT, MN-10206A CLC T-38 CLASS P-S FY 1996 PRE MODIFICATION TITLE AND NO

DESCRIPTION/JUSTIFICATION: AIRCRAFT IS DEVELOPING CRACKS IN SIX LOCATIONS ON THE 325 FORMER.

DESCRIPTION/JUSTIFICATION: DETAID CDACK GROWTH WILL BE BEYOND SAFETY LIMITS PE 84741F T-38 MODELS OF AIRCRAFT AFFECTED

RDT&E (3600) N/A

38 AMT	FY-98 QTY AMT	FY-97 QTY AMT		FY-96 QTY AMT		FY-95 FY AN	FY-94 FY-95 QTY AMT QTY AMT	FY-94 'Y AMT		AN PRIOR QTY AMT	PLAN PR		PROJECTED FINANCIAL
10	XPECTED	JCT ION E	PRODU	JMPLETE.	, 75% CC	ING IS	PROOF	KIT	APLETED	/PE CON	PROTOTYPE COMPLETED. KIT PROOFING IS 75% COMPLETE. PRODUCTION EXPECTED TO 95.	STATUS: AUGUST 9	DEVELOPMENT STATUS: START AUGUST 9
ART IN	G TO STA	ROUNDIN	IMATE G	/тн, еѕт	CK GROW	OR CRA	LE.	DICTAB	UNPRE	I SNI)	STRESS CORROSION CRACKING IS UNPREDICTABLE. FOR CRACK GROWTH, ESTIMATE GROUNDING TO START IN FY94.	CORROSI	STRESS FY94.

	! ! !			
	1.00	12.6	12.6	FOLLOW-ON LEAD TIME 12 MONTHS
		2.5 151		AD TIME
2.5		2.5	5.0	-ON LE
6	* (114) 2.5	114	11	FOLLOW
თ.	*		6.	
27			27	THS
မ က	(27)		3.5	DEPOT 12 MON
154			154	ION
141 4.8 154	_		22.9	ON: INSTALLATION DEPOT INITIAL LEAD TIME 12 MONTHS
	ARE (141) 18.1	141 18.1	141	N: IN
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS	SIM/TRAINER SUPPORT-EQUIP POM CHANGES INSTALLATION OF HARDWARE FY93 141 KITS FY94 154 KITS FY95 27 KITS FY96 111 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100) 141 22.9 154	METHOD OF IMPLEMENTATION: INSTALLATION DEPOT INITIAL LEAD TIME 12 MOI

206A FUS STA 325 BULKHEAD FORMER CHANGEOUT	
FORMER	
BULKHEAD	
325	<u> </u>
STA	INE
FUS	(CONTINUED)
10206A	PLAN
FACT SHEET; T-38	PROJECTED FINANCIAL PLAN
SHEET;	CTED F
FACT	PROJE

		FΥ-99 QTΥ A	FY-00 AMT QTV A	00 AMT							TO COMP	,	TOTAL QTY	AMT
RDT&E (3600) N/A))												•
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC													433	11.7
DATA SIM/TRAINER SUPPORT-EQUIP POM CHANGES														
INSTALLATION OF HARDWARE FY93 141 KITS FY94 154 KITS FY95 27 KITS FY95 111 KITS									•				141) 154) 27)	18.1 3.6 2.2 9.3
TOTAL INSTALL COST		1	1 1 1 1 1 1	 								!	433	33.2
TOTAL COST (BP-1100)													433	. 44.9
MILESTONES:	F Y - 193	F ∀ - 94	FY-95	FY-96	H	FY-97								
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	2/93 3/94	2/94 3/95	3/95 4/96	1/96 1/97										
INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	FΥ-94 2 3 28	4 1 28 28 28 28	FY-95 2 3 28 28 28 28	4 1 28 28 28 28	FY-96 2 28 28	96 3 29 28	4 6 6 6 8 4 8 8 9 8 9 8 9 8 9 9 8 9 9 9 9 9 9 9	1 37 29	FY-97 2 38 3 37 3	38 38 38 38				
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 38	FY-98 2 3	4												

* * *** UNCLASSIFIED

ICATION OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

DATE 02/21/95

CLASS P-S APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE

COCKPIT ENCLOSURE (PC), MN-14207B MODIFICATION TITLE AND NO FY 1996 PRE

DESCRIPTION/JUSTIFICATION: FATIGUE CRACKS COMBINED WITH CORROSION ARE BEING FOUND IN THE COCKPIT LONGERON AT AN INCREASING RATE. THE DAMAGE IS ALSO BEING FOUND AROUND THE CANOPY HOOK SLOTS AND LONGERON SPLICE. THE CRITICALITY OF THE STRUCTURAL COMPONENTS LIMITS THE TYPE AND NUMBER OF AUTHORIZED REPAIRS BEFORE LOSS OF STRUCTURAL INTEGRITY LEADING TO CATASTROPHIC FAILURE OF STRUCTURAL COMPONENTS AND/OR LOSS OF PERSONNEL. THIS MODIFICATION WILL REDESIGN AND STRENGTHEN THE AGING STRUCTURAL COMPONENTS, INCORPORATE A NEW CANOPY LATCHING SYSTEM, AND STRENGTHEN OTHER STRUCTURALLY RELATED AREAS/COMPONENTS. 84741F PE T-38 MODELS OF AIRCRAFT AFFECTED

DEVELOPMENT STATUS: FY94 INSTALLATION COST INCREASE WAS DUE TO LEARNING CURVE AFTER CONTRACT/ORGANIC INSTALLATION EXECUTION CHANGE.

PROJECTED FINANCIAL PLAN Q	AN PRIOR QTY	₩.	FY-94 QTY AN	94 AMT	FY-95 QTY /	S AMT	FY-96 0TY /	¥.	FY-97 QTY AN	97 AMT	FY-98 QTY	.98 AMT
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349	o -	12.3 .4	83	2.	. ō	ъ. О	٠					
		ų.										
		c c										
5)			(23)	1.2								
125)		17.3										
181)		20.8										
19)		T.					(24)	2.5	(23)	2.4		
					:	!		1	(10)	4.	! !	; ; ; ;
327		41.2	23	1.2			24	2.5	69	2.8		
350		54.9	83	3.7	Ç	5.0		2.5		2.8		
N: I		METHOD OF IMPLEMENTATION: INSTALLATION DEPOT INITIAL LEAD TIME 27 MO	TION	- DEPOT - 27 MONTHS	NTHS		FOLLO	4-ON LE	AD TIM	E 2	FOLLOW-ON LEAD TIME 24 MONTHS	ş

	AMT		19.8 4.	Ġ.	Φ.	1.2	3.1	4 0.4	47.7	68.9				
	TOTAL QTY		442			25) 125)	181) 19)	10)	443	443				
	TO COMP QTY AMT										FY-97		4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
(CONTINUED)	•										FY-96		FY-95 2 3 30 30 3	
											FY-95	1/95	4 4 4 4 30 30 40 40	
											FY-94	1/94	FY-94 2 3 22 30 18 22	
	OO AMT								1 1 1 1		FY-93	1/93	4 1 39 18 20 39	4
URE (PC)	AMT QTY A								! ! ! ! !		FY-92	1/92	FY-93 2 3 3 20 1 3	FY-97 2 3 34 35 34
14207B COCKPIT ENCLOSURE (PC) AN (CONTINUED)	FY-99 QTY A								; ; ; ; ;		FY-91	3/91 1/93	4	4 1 20 35 20 20
2078 COCH											FY-90		FY-92 2 3	FY-96 2 3 20 20 19 20
FACT SHEET; T-38 14; PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	CHANGE ORDERS DATA SIM/TRAINER	SUPPORT - EQUIP TOOLING		FY92 181 KITS FY93 19 KITS	FY94 83 KITS FY95 10 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 1	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 19 OUTPUT 30

DATE 02/21/95

OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

CLASS P-S APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE DSCREEN, MN-19205A BIRD IMPACT RESISTANT WINDSCREEN, MN-19205A FY 1996 PRE

T-38

THE EXISTING T-38 MAGNESIUM WINDSHIELD FRAME HAS BEEN FOUND WITH A LARGE NUMBER OF CRACKS, IS SUSCEPTIBLE TO CORROSION AND DOES NOT MEET THE MINIMUN BIRD STRIKE REQUIREMENTS. FRAMES RETURNED TO DEPOTHAVE NOT BEEN REPAIRED SUCCESSFULLY AND SPARES ARE NOT AVAILABLE. THE BIRD IMPACT RESISTENT COMPOSITE FRAME BEING PROTOTYPED WILL ELIMINATE THESE PROBLEMS. MODIFICATION IS REQUIRED TO PROVIDE ADEQUATE PROTECTION TO THE AIR CREW AGAINST LOW LEVEL FLIGHT BIRD STRIKES AND PREVENT FUTURE FATAL MISHAPS. NEW FRAME MUST SUSTAIN THE WEAPON SYSTEM BEYOND THE YEAR 2010. 84741F PE MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO

COMPLETE (NO RDT&E REQUIRED). DEVELOPMENT STATUS:

PROJECTED FINANCIA	L PLAN	9	, ,	70 - > 1	5 5 7	វ	F V - 96	96	Ĭ.	FY-97	FY-98	86	
	VTQ	AMT	0TY	OTY AMT	QT.	QTY AMT	0TY	QTY AMT	OTY .	QTY AMT	OTY	AMT	
RDT&E (3600) N/	⋖												
PROCUREMENT (3010) INSTALL KITS KITS NUNRECUR ' EQUIPMENT	116		001	5.0 100 4.3 135	. 35	ຕ	5.8 105	4.0	•				
CHANGE ORDERS		4.	•						ė				
SIM/TRAINER SUPPORT-EQUIP		•											
TOOLING INSTALLATION OF HARDWARE	WARE	7.	 		! ! !	!] 	 	 	1	! ! !	1 1 1	
TOTAL INSTALL COST													

MONTHS

6 --

FOLLOW-ON LEAD TIME

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- 10 MONTHS

105

5 3 8

135

4.3

8

7.6

116

TOTAL COST (8P-1100)

(a	TO COMP TOTAL QTY AMT		456 19.1	4.1	2.		456 21.7			
(CONTINUED)								FY-96	3/96 2/97	
FACT SHEET; T-38 19205A BIRD IMPACT RESISTANT WINDSCREEN PROJECTED FINANCIAL PLAN (CONTINUED)	FY-99 FY-00 QTY AMT QTY AMT					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		32 FY-93 FY-94 FY-95	2/94 2/94 2/95 3/95	
FACT SHEET; T-38 19205A PROJECTED FINANCIAL PLAN (C		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR	EQUIPMENTEC EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER	SUPPORT-EQUIP TOOLING INSTALLATION OF HARDWARE	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES: FY-92	CONTRACT-DATE (QTR/FY): 2/94 DELIVERY-DATE (QTR/FY): 4/94	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

UNCLASSIFIED

		BUDG	BUDGET ITEM JUS (EXHIBIT F	JUSTIFICATION 3IT P-40)	7			DATE FEBRUARY 1995	2Y 1995
PPROPRIATION/BUDGET ACTIVITY	GET ACTIV	VITY		P-1 ITE	P-1 ITEM NOMENCLATURE: T-41	TURE: T-41			
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATION	REMENT A	F/AIRCRAFT	MODIFICATIONS	(C)					
		FY 1994	FY 1995	FY 1996	FY 1997	FY 1996 FY 1997 FY 1998	FY1999	FY2000	FY2001
QUANTITY									
COST (In Mil)		\$0.163	\$0.025	\$0.025	\$0.025	\$0.025	\$0.025	\$0.025	\$0.025

The T-41 is a military derivative of the civilian Cessna 172, a four seat, propeller driven, light aircraft used by the winner of the goal of the modifications budgeted in FY96 is to enhance flight safety while improving reliability and maintainability. The specific President's Trophy winning Service Academy, USAFA in support of the aeronautical engineering course curriculum. The overall modifications budgeted and programmed are attached.

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PAGE	
LIST 2	
P-1 SHOPP ITEM NO.4	
P-1 SHOF	

UNCLASSIFIED

UNCLASSIFIED

		BUC	BUDGET ITEM JUSTIFI((EXHIBIT P-40)	IUSTIFICATION T P-40)	N			DATE FEBRUARY 1995	XY 1995
APPROPRIATION/BUDGET ACTIVITY	N/BUDGET AC	TIVITY		P-1 ITEN	P-1 ITEM NOMENCLATURE: T-43	URE: T-43			
AIRCRAFT PI	ROCUREMENT	AF/AIRCRAFT	AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATION	SNO					
		FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY1999	FY2000	FY2001
QUANTITY									
COST (in Mil)		\$1.900	\$5.334	\$5.441	\$1.105	\$0.835	\$0.571	\$0.589	\$0.608

The overall goal of the modifications budgeted in FY96 is to enhance flight safety while improving reliability and maintainability. The The T-43 is a military derivative of the Boeing 737 used by AETC as an airborne training platform in Undergraduate Navigator Training. specific modifications budgeted and programmed are attached.

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P-1 SHOPP LIST PAGE NO. 3 382	

*** UNCLASSIFIED

FY 1996 PRE

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC T-43 CLASS P

DESCRIPTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) IS A SPACE BASED RADIO NAVIGATION SYSTEM THAT WILL PROVIDE SUITABLY EQUIPPED HOST VEHICLES WITH HIGHLY ACCURATE JAM-RESISTENT, THREE DIMENSIONAL POSITION, VELOCITY, AND TIME DATA, WORLDWIDE IN ALL WEATHER TO IMPROVE MISSION EFFECTIVENESS. AIRCRAFT: 12 ACTIVE. PE 84742F NAVSTAR GPS. MN-3150 T-43 MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN	LAN	٥	, y	7	<u>,</u>	0 1	7 - 7	ď	<u>,</u>	FY-97	F \ 198	æ
	QTY	AMT	ντο	AMT	ΦΤΥ	AMT	0TY	QTY AMT	OTY.	AMT	017	AMT
RDT&E (3600) N/A												
PROCUREMENT (3010)												
INSTALL KITS					4	-	4	- .	4	- .		
KITS NONRECOR FOUTPMENT				•	(4)	4	(4)	.2	(4)	.2		
EQUIP NONREC												
CHANGE ORDERS								c				
DATA						c	(0)	, ,		c		
SIM/TRAINER						0.	(0)	ν ν		· -		
SUPPORT - EQUIP								9.		•		
INSTALLATION OF HARDWARE	ш								(3)	r		
FY95 4 KITS									(†)		(4)	c
FY96 4 KIIS EV07 4 KITS											Ì	i -
	1 1 1 1	.!	1	1		1	1 1	!	1 1	1 1 1 1 1 1	1 1 1 1	
TOTAL INSTALL COST									4		4	6.
TOTAL COST (BP-1100)					4	2.0	4	3.5	4	œ.		4.
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT INITIAL LEAD TIME 24 MOI	ION: INSTALLATION INITIAL LEAD TIME	STALLA	TION	- DEPOT - 24 MONTHS	SNTHS		FOLLO	W-ON LE	AD TIN	FOLLOW-ON LEAD TIME 24 MONTHS	MONTH	v

383

	AMT		4.2	ø.	. 6. 4.6.0	üüd	7.	ø.	6 9			
	TOTAL QTY		12			44	4)	7	12			
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	TO COMP QTY AM											
							•					4
(CONTINUED)										FY-01		FY-00 2 3
J										FY-00		4
										FY-99		FY-99
	OO AMT						 			FY-98		4
	9 FY-00 AMT QTY AN						2.	6.	ú	FY-97	1/97	FY-98
NAVSTAR GPS CONTINUED)	FY-99						(4)	4		FY-96	1/96	4
٤				*						FY-95	2/95 2/97	FY-97 2 3 1 2
FACT SHEET; T-43 3150 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010)	KITS NONRECUR EQUIPMENT EQUIP NONREC	CHANGE ORDERS DATA SIM/TRAINER SUPPORT-FOUTP	INSTALLATION OF HARDWARE FYSE 4 KITS	FY97 4 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT

MODIFICATION DATE 02/21/95

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE 99S ICATION OF AIRCRAFT FY 1996 PROGRAM FY 1996 PRE

SERVICE BULLETINS, MN-99999S MODIFICATION TITLE AND NO

MODELS OF AIRCRAFT AFFECTED

PE 84742F T-43

AMT FY-98 QTY A DESCRIPTION/JUSTIFICATION: THE T-43 IS A FAA CERTIFIED AIRCRAFT. SERVICE BULLETINS ARE ISSUED TO CORRECT FAA IDENTIFIED DEFICIENCIES. THESE ARE PROCESSED AS CLASS P MODIFICATIONS TO COMPLY WITH AND MAINTAIN FAA CERTIFICATION. AMT QTV AMT FY-96 QΤΥ AMT FY-95 ٥T٧ AMT FY-94 OΤV AMT DEVELOPMENT STATUS: AS REQUIRED. PRIOR 0T√ PROJECTED FINANCIAL PLAN

ဖ ø. რ. ო 6. 6. 6.4 . . 7. 6. . 2.5 2.7 SUPPORT-EQUIP SERV BULL INSTALLATION OF HARDWARE TOTAL COST (BP-1100) RDT&E (3600) N/A TOTAL INSTALL COST PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT EQUIP NONREC CHANGE ORDERS SIM/TRAINER DATA

-- 12 MONTHS

FOLLOW-ON LEAD TIME

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT INITIAL LEAD TIME -- 12 MONTHS

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FACT SHEET; T-43 99999S SERVICE BULLETINS PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

AMT				Ş	† ·	·	10.4		
TOTAL QTY		•			1 1 1 1 1			FY-01	
TO COMP QTY AMT				•	. ! 4 !		4.	FY-00	
710					 			FY-99	
								FY-98	
								FY-97	
								FY-96	
OO AMT				,	.		ø.	FY-95	
FY-00 AMT QTY AM					4.	! ! ! !	4.	FY-94	
FY-99 QTY AMT		•	-			 		FY-93	
								FY-92	
	RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	EQUIP NONREC CHANGE ORDERS DATA	SIM/TRAINER SUPPORT-EQUIP	SERV BULL INSTALLATION OF HARDWARE	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE: QUARTERS INPUT QUTPUT

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UNCLASSIFIED

	BUDG	BUDGET ITEM JUS	JUSTIFICATION	7			DATE	
		(EXHIBIT F	IT P-40)				FEBRU	FEBRUARY 1995
PPROPRIATION/BUDGET ACTIVITY	IVITY		P-1 ITE	EM NOMENCLA	P-1 ITEM NOMENCLATURE: KC-10 ATCA	ATCA		
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATI	AF/AIRCRAFT N	IODIFICATIONS						
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1996 FY 1997 FY 1998	FY 1999	FY2000	FY2001
QUANTITY				-				
COST (In Mil)	\$ 36.661	\$17.946	\$20.690	\$15.591	\$20.690 \$15.591 \$7.371 \$4.727	\$4.727	\$4.939	\$5.088

This line item funds modifications to the KC-10 aircraft. The three engine KC-10 serves a dual-role by providing both air refueling and cargo support. The aircraft refuels using both the boom and drogue methods and can carry up to 27 standard 463-L pallets. The overall goal of the modifications budgeted in FY96 is to enhance flight safety while improving reliability and maintainability. The specific modifications budgeted and programmed are attached.

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PAGE NO.

P-1 SHOPP LIST ITEM NO. 44

* * *** UNCLASSIFIED

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC KC-10 CLASS P FY 1996 PRE MODIFICATION TITLE AND NO

NAVSTAR GPS, MN-3150

DESCRIPTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) IS A SPACE BASED RADIO NAVIGATION SYSTEM THAT WILL PROVIDE SUITABLLY EQUIPPED HOST VEHICLES WITH HIGHLY ACCURATE, JAM-RESISTENT, THREE DIMENSIONAL POSITION, VELOCITY, AND TIME DATA, WORLDWIDE IN ALL WEATHER TO IMPROVE MISSION EFFECTIVENESS. PE 41219F ALL MODELS OF AIRCRAFT AFFECTED

DEVELOPMENT STATUS: ACFT BREAKOUT: 59 ACTIVE

PROJECTED FINANCIAL	PLAN						i		i	;	i	(
	R	PRIOR	FY-94		FY-95	95	FY-96	96.	FY-97	97	F Y - 88	80	
	QΤΥ	QTY AMT QTY AMT	QTY	AMT	ΩT	AMT	QΤγ	QTY AMT QTY AMT QTY AMT QTY AMT	01¥	AMT	QΤγ	AMT	
	1 1 1		1 1 1	1 1 1 1	1 1	1 1 1 1	1 1 1	1 1 1 1 1	1 1 1 1	1 1 1	1 1 1 1	1-1-1-1	
4/14 (0000) notag													

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RDT&E (3600) N/A	! !											
PROCUREMENT (3010) INSTALL KITS					25		4.5 25	9.9	60	3.5		×
KITS NONRECUR EQUIPMENT			Ē	6.3 6.3	(22)	0.4	4.0 (25)	5. 8	(8)	2.2		
EQUIP NONREC CHANGE ORDERS												
DATA				1.7								
SIM/TRAINER	•			7						,		•
				-		ო.		- 2		2.4		o. -
INSTALLATION OF HARDWARE												
FY94 1 KIT					Ξ	ī.						
FY95 25 KITS									(22)	4	1	
FY96 25 KITS											(22)	4.1
				1	1	 		1	! !	[]]	 	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
TOTAL INSTALL COST	 	; ; ; ;			-	٠. ت			25	4.	25	4.1
TOTAL COST (BP-1100)		-	-	1 11.0	25	9.3	25	25 13.6	60	12.2		5.1
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT INITIAL LEAD TIME 12 MONTHS	NITIA	INSTALL/	TIME -	- DEPOT	NTHS		FOLLO	FOLLOW-ON LEAD TIME 21 MONTHS	AD TIM	E 21	MONT	S

	TO COMP TOTAL QTY AMT QTY AMT		58 14.6 1 1.3 18.3	7.1 7.	(1) .5 (25) 4.1 (25) 4.1 (8) 2.0	59 10.7	59 53.2			6 6 6	
(CONTINUED)								FY-00		F≺-98 2 3 6 6 7 6	
								FY-99		4 9 7 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
								FY-98		FY-97 2 3 6 7 6 6	
	OO AMT					! ! ! !		FY-97	2/97 1/99	4 + 0	
	FY-00 MT QTY A				0.	2.0	2.0	FY-96	2/96 1/98	FY-96 2 3	
TAR GPS NUED)	FY-99 QTY A				(8)	. 60		FY-95	2/95 1/97	4	4
3150 NAVSTAR GI .AN (CONTINUED)								FY-94	2/94	FY-95 2 3 1	FY-99 2 3 1 1
FACT SHEET; KC-10 31E PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	CHANGE ORDERS CHANGE ORDERS DATA SIM/TRAINER SIPPORT-FOUIP	INSTALLATION OF HARDWARE FY94 1 KIT FY95 25 KITS FY96 25 KITS FY97 8 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS INPUT QUTPUT	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 7 OUTPUT 6

*** UNCLASSIFIED

DATE 02/21/95

FY 1996 PRE

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

MODIFICATION TITLE AND NO

KC-10A MODELS OF AIRCRAFT AFFECTED

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC KC-10 CLASS P PE 41219F REFUELING PODS, MN-3351

DESCRIPTION/JUSTIFICATION: PROVIDES TWO ADDITIONAL WING-TIP MOUNTED, HOSE REEL AIR REFUELING SYSTEMS FOR PROBE AND DROGUE REFUELING. ENHANCES RELIABILITY AND SUPPORT OF U.S. NAVY, MARINE, AND ALLIED AIRCRAFT, FIFTEEN SETS OF PODS/PYLONS (2 PODS PER SET) HAVE BEEN PURCHASED AND TWENTY AIRCRAFT ARE BEING MODIFIED.

DEVELOPMENT STATUS: NONE. NO RDT&E REQUIRED.

QΤΥ AMT FY-97 QTY FY-96 QΤΥ AMT FY-95 QΤ AMT FY-94 QTY AMT PRIOR OΤ PROJECTED FINANCIAL PLAN

RDT&E (3600) N/A

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			ć	(3)	
				4.7	4.7
			((9)	
2.5	2.2 6.0 7.0 7.0 7.0 7.0	r 4		! ! !	18.2
o (S			!	თ
e. − í æ + c	0. 0	6	მ	5.0	30.1
-			5)	=	=======================================
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR	EQUIPMENT EQUIP NONREC CHANGE ORDERS	SIM/TRAINER SUPPORT-EQUIP	INSTALLATION OF HARDWARE FY88 5 KITS (FY93 6 KITS (L COST	TOTAL COST (8P-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT INITIAL LEAD TIME -- 16 MONTHS

FOLLOW-ON LEAD TIME -- 16 MONTHS

*** UNCLASSIFIED ***

REFUELING PODS (CONTINUED)

FACT SHEET; KC-10 3351 PROJECTED FINANCIAL PLAN

		FY-99 QTY A	AMT QTY A	OO AMT				0T VT0	TO COMP QTY AMT	TOTAL QTY	AMT
RDT&E (3600) N/A											
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR										20	6.0
EQUIPMENI EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER											. + 2 6. 4 8 6
SUPPORT-EQUIP INSTALLATION OF HARDWARE FY88 5 KITS FY93 6 KITS										<u>ගි ගි</u> ගි	ა ი. ე ი.ი.
FY94 9 KITS TOTAL INSTALL COST		1		1 1 1 1				1	, ! ! ! !	20	11.5
TOTAL COST (BP-1100)										20	53.9
MILESTONES:	FY-88	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96		
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	3/88	 			 	3/93 1/95	1/94	1 1 1 1	 		
INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	FY-91	4	FY-94 2 3	4	FY-95 2 1 1 2 2	400	FY-96 2 3 2 3	4 m m		. •	<u>.</u> .

* *** UNCLASSIFIED

ICATION OF AIRCRAFT FY 1996 PROGRAM MODIFICATION DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE MISC SERVICE BULLETIN, MN-41008B FY 1996 PRE MODIFICATION TITLE AND NO

DESCRIPTION/JUSTIFICATION: THIS MODIFICATION PROCURES COMMERCIAL OFF-THE-SHELF KITS, PARTS, AND MATERIALS NECESSARY TO IMPLEMENT CONTRACTOR AND/OR FAA CERTIFIED SERVICE BULLETINS. PE 41219F ALL MODELS OF AIRCRAFT AFFECTED

DEVELOPMENT STATUS: MODIFICATION COMPLETE.

PROJECTED FINANCIAL PLAN

FY-98 QΤγ AMT FY-97 QTV AMT QΤ AMT FY-95 QΤΥ AMT FY-94 QΤΥ AMT PRIOR

AMT

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT

2.5

EQUIP NONREC

CHANGE ORDERS DATA

SIM/TRAINER

SUPPORT-EQUIP
INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

FACT SHEET; KC-10 41008B MISC SERVICE BULLETIN PROJECTED FINANCIAL PLAN (CONTINUED)

ry AMT FY-00 ٥T٧ QTY AMT FY-99

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS

SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE

TOTAL COST (8P-1100)

TOTAL INSTALL COST

MILESTONES:

FY-95 FY-94

1 ----

CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

(CONTINUED)

AMT TOTAL OTY

AMT

TO COMP

2.2

2.5

PAGE 248

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SRAM STATE S	CLC KC-10 CLASS P	PE 41219F	DESCRIPTION/JUSTIFICATION: RECENT INCIDENTS HAVE HIGHLIGHTED THE NEED FOR DIRECT COMMUNICATIONS AND CONTROL. A COMMERCIALLY AVAILABLE AERO-C SATCOM SYSTEM WILL PROVIDE THE CAPABILITY FOR THE KC-10.
MODIFICATION OF AIRCRAFT FY 1996 PROGRAM			NTS HAVE HIGHLIGHTED BLE AERO-C SATCOM SYS
MODIF	4, MN-60		T INCIDE!
	AND NO SATCOM, MN-6046	ED ALL	: RECENT WERCIALLY
1/95	MODIFICATION TITLE AND NO	MODELS OF AIRCRAFT AFFECTED	PTION/JUSTIFICATION: AND CONTROL. A COMM THE KC-10.
DATE 02/21/95	MODIFICAT	MODELS OF	DESCRIPTI ANE THE

DEVELOPMENT STATUS: NONE. NO RDT&E REQUIRED.
PROJECTED FINANCIAL PLAN

PROJECTED FINANCIAL	PLAN												
	PRIOR	OR	FΥ	FY-94	FΥ-	FY-95	FΥ-	FY-96	FΥ-	FY-97	FY-98	98	
	QΤγ	QTY AMT	QTY	AMT	QΤΥ	QTY AMT		QTY AMT	QTY	AMT	φTγ	AMT	
RDT&E (3600) N/A	! ! ! !	 - - - -	t ! !	! ! !	!	 	! ! !	 	1 1 1	 	! ! ! !		
	٠												
ROCUREMENT (3010)													
INSTALL KITS							29	ä			•		
KITS NONRECUR												*:	
EQUIPMENT							(23)	1 ,6					
EQUIP NONREC													
CHANGE ORDERS													
DATA								г.					
SIM/TRAINER													
SUPPORT-EQUIP													
HARD	IARE												
	1 1 1	1 1	1111		. t 1 1 1	1 1 1 1 1	; ! !	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1 1 1 1	1 1 1 1	 	1	
TOTAL INSTALL COST													

FOLLOW-ON LEAD TIME -- NA MONTHS LATE METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTE: INITIAL LEAD TIME -- 2 MONTHS

TOTAL COST (8P-1100)

29

(CONTINUED)

SATCOM (CONTINUED) FACT SHEET; KC-10 6046 PROJECTED FINANCIAL PLAN

FY-00 QTY A FY-99

QTY AMT

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA

SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE

TOTAL COST (BP-1100)

TOTAL INSTALL COST

2.3

59

9.

4

29

TOTAL

QΤ

AMT

TO COMP QTY AMT

'n.

MILESTONES:

FY-96

CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE 39S PE 41219F ICATION OF AIRCRAFT FY 1996 PROGRAM SERVICE BULLETINS, MN-99999S MODIFICATION KC-10 MODELS OF AIRCRAFT AFFECTED FY 1996 PRE MODIFICATION TITLE AND NO DATE 02/21/95

DESCRIPTION/JUSTIFICATION: SERVICE BULLETINS ARE ISSUED TO CORRECT MANUFACTURER IDENTIFIED
DEFICIENCIES. DURING FY94-95 THIS MOD WILL INCLUDE SERVICE BULLETINS SSUED TO CORRECT HOSE
REEL DEFICIENCIES AND TO SATISFY THE REQUIREMENTS OF THE HOSE REEL IN TEMENT PROGRAM.

DEVELOPMENT STATUS: NO PRIOR DEVELOPMENT REQUIRED.

PROJECTED FINANCIAL PLAN		,	ì	u G	2	ú	, V	. 10) 	a
VT0	FKIUK FY AMT	QTY A	AMT QTY	1	QTY A!	AMT	οTΥ	AMT	VTQ	AMT
RDT&E (3600) N/A	 	 	1 1 1 1 1 1 1 1	! 1 - ! !	! ! ! ! ! ! ! ! !	1 	 - - 	 		
OCUREMENT (3010)		٠								
INSTALL KITS KITS NONRECUR										
EQUIPMENT										•
EQUIP NONREC										
CHANGE ORDERS										
DATA	- .		-	-		₹.		Ξ.		•
SIM/TRAINER										
SUPPORT-EQUIP										
AIRCRAFT	2.3		3.6	თ _.		<u>ත</u>		თ.		- .
INSTALLATION OF HARDWARE				1		1		i i i	1	! !
TOTAL INSTALL COST										
TOTAL COST (BP-1100)	2.4		3.7	1.0		4.0		4.0		. 2
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT INITIAL LEAD TIME 12 MO	ON: INSTALLATION I	TIME '	DEPOT 12 MONTHS		FOLLO	W-ON LI	EAD TIN	FOLLOW-ON LEAD TIME 12 MONTHS	2 MONTE	ş.

(CONTINUED)

CONTINUED)
PLAN (
PROJECTED FINANCIAL

		FY-99 QTY AM	9 FY-00 AMT QTY /	O AMT) OT V	OMP AMT	TOTAL QTY AMT	<u> </u>
RDT&E (3600) N/A											
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT											
CHANGE ORDERS DATA CIM/TDAINED			- .	₹.					₹.		<u>ه</u> .
SIMO INCIDENT A SINCE	-		ø.	. 8.					÷.	•	12.9
INSTALLATION OF HARDWARE TOTAL INSTALL COST		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	!	! ! ! !				1 1 1	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		!
TOTAL COST (BP-1100)			۲.	e.					. 6.	•	13.8
* MILESTONES:	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):											

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

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		BUDG	BUDGET ITEM JUS (EXHIBIT F	JUSTIFICATION			0	DATE FEBRUARY 1995	Y 1995
APPROPRIATION/BUDGET ACTIVITY AIRCRAET PROCIIDEMENT AF/AIBCBAET MODIFICATI	UDGET ACTIV	/ITY	AODIEICATIONS		P-1 ITEM NOMENCLATURE: C-12	TURE: C-12		1.	
		FY1994	FY1995	FY1996	FY1997	FY1998	FY1999	FY2000 FY2001	FY2001
QUANTITY									
COST (In Mil)		\$0.278	\$1.291	\$3.237	\$3.105	\$2.548	\$1.054	\$1.054 \$1.086 \$1.117	\$1.117

cargo and passengers and to provide flying experience for air refueling tanker copilots. The major modification budgeted in FY96 is to initiate the procurement of the Global Positioning System (GPS). The specific modifications budgeted and programmed are This line item funds modifications to the C-12 aircraft. The C-12 is a twin-turboprop, support-airlift aircraft used to transport attached.

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PAGE NO.

P-1 SHOPP LIST ITEM NO. 45

* * *** UNCLASSIFIED

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC C-12 CLASS P NAVSTAR GPS, MN-3150

FY 1996 PRE MODIFICATION TITLE AND NO

DATE 02/21/95

DESCRIPTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) IS A SPACE BASED RADIO NAVIGATION SYSTEM THAT WILL PROVIDE SUITABLY EQUIPPED HOST VEHICLES WITH HIGHLY ACCURATE, JAM RESISTANCE, THREE DIMENSIONAL POSITION, VELOCITY AND TIME DATA, WORLDWIDE IN ALL WEATHER TO PE 41314F MODELS OF AIRCRAFT AFFECTED

PRIOR FY-94 FY-95 FY-96 FY-97 AMT TY AMT QTY AMT QTY AMT TO TY AMT TO TY AMT TO TY AMT TO TY AMT TO TY AMT TO TY AMT TO TY AMT TO TY AMT TO TY AMT TO TY	DEVELOPMENT STATUS:	AIRCRAFT BRE	AIRCRAFT BREAKOUT: 71 ACTIVE.	IVE.							
ARE (1) .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	PROJECTED FINANCIAL	PRIOF TY	FY-94 QTY AMT	FY-95 QTY A	= !	FY-9	36 AMT	FY-9 QTY		FY-98 QTY /	98 AMT
(1) . 1 (1) . 1 (1) . 1 (1) . 1 (1) . 1 (1) . 1 (1) . 1 (1) . 1 (1) . 1	RDT&E (3600) N/A	! ! ! !									
(1) .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	SCUREMENT (3010)					5	ნ.	36	ر 3.	22	6.
(1) (1) 1	(ITS NONRECUR			Ē	œ. - .	(12)	1.7	(36)	t.	(22)	1.0
(1) (1) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	QUIP NONREC HANGE ORDERS				₹.		4.				
(1) .1 1 1.1 1 1.1 1 1.1 1 1.1 1 1.1 1 1.1 1 1.1 1 1.1	IM/TRAINER SUPPORT-EQUIP						*		*		*
(1)	GC STALLATION OF HARDWA	ARE			•						
1 1.1 1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	:Y95 1 KIT :Y96 12 KITS			Ē	- .					(12)	რ.
1 1.1 1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	:			i			1 1 1 1	1 1 1 1	1 1 1 1	1	1
1 1.1 TION: INSTALLATION DEPOT	FOTAL INSTALL COST			-						12	ю.
SHIN	TOTAL COST (BP-1100	•		-	-:	12	3.0		3.0	22	2.2
	METHOD OF IMPLEMENT,	ATION: 'INSTA' INITIAL LE	ON: 'INSTALLATION DEPO INITIAL LEAD TIME 6 M	POT MONTHS		FOLLO	NO-M	EAD TIM	E 24	# MONT!	ş

NAVSTAR GPS (CONTINUED)

FACT SHEET; C-12 3150 PROJECTED FINANCIAL PLAN

(CONTINUED)

		FY-99 QTY A	AMT QTY A	OO AMT				TO COMP OTY AM	DMP AMT	TOTAL OTY	AMT
RDT&E (3600) N/A											
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT										70	ω 4 ω α ω
CHANGE ORDERS DATA SIM/TRAINER								•			ហ
OGC INSTALLATION OF HARDWARE FY95 1 KTT			*							ŧ.	Ţ.
FY96 12 KITS FY97 36 KITS FY98 22 KITS			1.0 (22)	.				† 1 1		12) 36) 22)	E. O. 8
TOTAL INSTALL COST		36	1.0 22	1 60						7.1	2.2
TOTAL COST (BP-1100)			1.0	æ.						7.1	<u>+</u>
MILESTONES:	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01				
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	2/95 4/95	2/96 2/98	1/97	1/98		i I					
INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	F∀ - 95 2 3	4	FY-96 2 3	4	FY-97 2 3	4	FY-98 2 2 3 5 5 5	4 U D			
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 9 0UTPUT 2	FY-99 2 99 9 9 9	4 0 0 + 8 0	FY-00 2 7 7 8	4 L							

		BODG	BUDGET ITEM JUS	JUSTIFICATION	7			DATE	
			(EXHIBIT F	IT P-40)				FEBRUA	FEBRUARY 1995
PPROPRIATION/BUDGET ACTIVITY	DGET ACTI	VITY		P-1 ITE	P-1 ITEM NOMENCLATURE: C-18	TURE: C-18			
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATION	UREMENT /	NE/AIRCRAFT N	MODIFICATIONS						
,		FY 1994	FY 1995	FY 1996	FY 1996 FY 1997 FY 1998 FY1999	FY 1998	FY1999	FY2000	FY2001
QUANTITY									
COST (In Mil)		\$0.182	\$2.116	\$2.675	\$1.130	\$.476	\$.393	\$.405	\$.417

transport aircraft. The C-18 is used to support Space and Missile Missions. The major modification budgeted in FY96 is for the This line item funds modifications to the C-18 aircraft. The C-18, a modified Boeing 707, is a long range, four engine, jet procurement of the Global Positioning System (GPS). The specific modifications budgeted and programmed are attached

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AIRCRAFT FY 1996 PROGRAM P MODIFICATION DATE 02/21/95

NAVSTAR GPS, MN-3150 FY 1996 PRE MODIFICATION TITLE AND NO

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-18 CLASS P IPTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) IS A SPACE BASED RADIO NAVIGATION SYSTEM THAT WILL PROVIDE SUITABLY EQUIPPED HOST VEHICLES WITH HIGHLY ACCURATE, JAM-RESISTENT, THREE DIMENTIONAL POSITION, VELOCITY, AND TIME DATA, WORLDWIDE IN ALL WEATHER TO 41314F PE C/EC-18 IMPROVE MISSION EFFECTIVENESS. MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION:

DEVELOPMENT STATUS: N/A.

AMT FY-98 01 Y AMT FY-97 QTY AMT FY-96 ΩT AMT FY-95 0T√ AMT FY-94 AMT PRIOR QTY PROJECTED FINANCIAL PLAN RDT&E (3600) N/A

3 a 3 -0 PROCUREMENT (3010)

(2) 4 4 (2) 2 SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE INSTALL KITS KITS NONRECUR CHANGE ORDERS EQUIP NONREC FY95 2 KITS FY96 2 KITS EQUIPMENT DATA 1

. R TOTAL INSTALL COST FY97 2 KITS FY98 1 KIT

-- 24 MONTHS FOLLOW-ON LEAD TIME

INITIAL LEAD TIME -- 24 MONTHS

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

TOTAL COST (BP-1100)

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NAVSTAR GPS (CONTINUED)

FACT SHEET; C-18 3150 PROJECTED FINANCIAL PLAN

(CONTINUED)

		FY-99 QTY A	AMT QTY AN	OO AMT		-		TO COMP QTY AMI	!	TOTAL QTY	AMT
RDT&E (3600) N/A		l !									
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC										20	2. 1 6. 6. 5.
CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP											7.1
INSTALLATION OF HARDWARE FY95 2 KITS FY96 2 KITS FY97 2 KITS FY97 4 KITS	÷	(2)	. .					(+)		(2) (2)	
TOTAL INSTALL COST		2		! ! ! !				-	₹.	7	4.
TOTAL COST (BP-1100)			7.	- .					- .	L	5.5
MILESTONES:	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01				
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	2/95	2/98	2/97 2/99	2/98 2/00	1 † 1 1						
INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	FY-97 2 3 1 1 1	4 -	FY-98 2 3 1 1 1	4 -	FY-99 2 3 1 1	4 +	FY-00	4			-

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		BUDC	BUDGET ITEM JUSTIFICATION	STIFICATION	Z		/Q	DATE	
			(EXHIBIT I	P-40)				FEBRUARY 1995	Y 1995
APPROPRIATION/BUDGET ACTIVITY	J/BUDGET AC	IIVITY		P-1 ITEM	NOMENCLATU	P-1 ITEM NOMENCLATURE: C-20 Mods			
AIRCRAFT PRO	OCUREMENT /	AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATION	MODIFICATIONS						
		FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 1999 FY 2000 FY 2001	FY 2001
QUANTITY				-					
COST (In Mil)		\$0.100	\$6.420	\$7.765	\$1.995	\$2.709	\$1.287	\$1.326	\$1.366

in FY96 is to initiate the procurement of the Global Positioning System (GPS). The specific modifications budgeted and programmed officials and high-ranking government personnel over long distances (4,000 miles). The overall goal of the modifications budgeted This line item funds modifications to the C-20 aircraft. The C-20 aircraft is a twin-engine, turbofan aircraft used to airlift DOD are attached.

404 PAGE NO. P-1 SHOPP LIST ITEM NO. 47

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OF AIRCRAFT

MODÍFICATION OF AIRC FY 1996 PROGRAM

DATE 02/21/95 FY 1996 PRE

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC C-20 CLASS P

NAVSTAR GPS, MN-3150

DESCRIPTION/UUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) IS A SPACE BASED RADIO
NAVIGATION SYSTEM THAT WILL PROVIDE SUITABLY EQUIPPED HOST VEHICLES WITH HIGHLY ACCURATE.
JAM-RESISTENT, THREE DIMENSIONAL POSITION, VELOCITY, AND TIME DATA, WORLDWIDE IN ALL WEATHER
TO IMPROVE MISSION EFFECTIVENESS. AIRCRAFT: 10 ACTIVE. 41314F PE C-20 MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: ACFT BREAKOUT: 11 ACTIVE.

PROJECTED FINANCIAL PI	PLAN	9	, y	5		r O	20°	u a	F V - 97	76	86- - ≻∃	80	
	QTY	AMT	OTY	AMT	0TY	AMT	0TV	AMT	0TV	AMT	0TY	AMT	
RDT&E (3600) N/A													
PROCUREMENT (3010) INSTALL KITS	•				-	r.	ო	4 .	ю	4.0	ო	0	
KITS NONRECUR EQUIPMENT					Ξ	4 4. 6.	(3)	£.	(3)	ღ.	E	4	
EQUIP NONREC CHANGE ORDERS						φ.		Φ.					
SIM/TRAINER SUPPORT-EQUIP								ġ					
INSTALLATION OF HARDWARE FY95 1 KIT FY96 3 KITS	ш						Ξ	*		•	(3)	ø.	*
FY97 3 KITS FY98 3 KITS	!	! !	 	` !	. !	1 1 1 1]] [1 1 1 1	1 1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	
TOTAL INSTALL COST	1 1 1 1						-				ო	φ.	
TOTAL COST (BP-1100)					-	5.7	ო	7.1	ო	£.3	ო	2.0	

FOLLOW-ON LEAD TIME -- 24 MONTHS

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT INITIAL LEAD TIME -- 6 MONTHS

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	TOTAL QTY		0		- 6666	10	9				
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	G }	•.			·.	i 				4	
(CONTINUED)								FY-01		FY-99 2 3 1 1	
						.51		FY-00		4	
								F Y - 99		FY-98 2 3 1 1	
	OO AMT				o	9.	ø.	FY-98	2/98 2/00	4	4
	FY-00			٠	(3) 9.	E 9.	9.	FY-97	2/97 2/99	FY-97 2 3	FY-01
TAR GPS NUED)	FY-99 QTY A	,			(3)	9		FY-96	2/96 2/98	4 -	4
3150 NAVSTAR G .AN (CONTINUED)								FY-95	2/95 4/95	FY-96 2 3	FY-00
FACT SHEET; C-20 315 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT FOULD NONREC	CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP	INSTALLATION OF HARDWARE FY95 1 KIT FY96 3 KITS FY97 3 KITS)	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

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		BUDG	BUDGET ITEM JU	JUSTIFICATION				DATE	
			(EXHIBIT P-40)	-40)				FEBRUARY 1995	RY 1995
APPROPRIATION/BUDGET ACTIVITY	UDGET ACTIN	/ITY		P-1 ITE	P-1 ITEM NOMENCI ATIIBE: VC-26A MOD	TIDE: VC 26A			
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICAT	CUREMENT A	NE/AIRCRAFT	MODIFICATIONS						
		FY 1994	FY 1995	FY 1996	FY 1995 FY 1996 FY 1997 FY 1998 EV1999	EV 1998	EV1999	EV2000	EV2004
QUANTITY							200	1 1 2000	L12001
17 ±000									
COSI (In MII)		\$9.764	\$.790	\$7.772	\$1.919	\$.890	\$.917	\$ 944	\$ 977

This line item funds modifications to the VC-25 aircraft. The VC-25, a Boeing 747-200B, is a four engine long-range aircraft used for presidential support. The overall goal of the modification budgeted in FY96 is to accomplish FAA directed service bulletins. The specific modification budgeted and programmed is attached.

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401.0000107		ITEM NO. 48		

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	RAM APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC C-25 CLASS P	1314F
	T PROCUREMI CLC (PE 41314F
	; AIRCRAF	
OF AIRCRAFT	PROGRAM APPROPRIATION	
MODIFICATION OF AIRCRAFT	FY 1996 PRE APPR MODIFICATION TITLE AND NO NAVSTAR GPS, MN-3150	MODELS OF AIRCRAFT AFFECTED VC-25A
	AND NO	AFFECTED

DESCRIPTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) IS A SPACE BASED RADIO

DEVELOPMENT STATUS:	N/A.											
PROJECTED FINANCIAL PLAN	PRIOR	T M	FY-94	.94 AMT	FY-	FY-95	FY-96	96 AMT	FY-97 OTV A	FY-97	FY-98	98 AMT
RDT&E (3600) N/A							•	1				! ! ! !
PROCUREMENT (3010)												
INSTALL KITS							-	-	-	- .		•
KITS NONRECUR								6.3				
EQUIPMENT							Ξ	-	Ξ	Ξ.		
EQUIP NONREC												
CHANGE ORDERS												
ATA								'n		α.		
IM/TRAINER												
SUPPORT-EQUIP										7.		
290								*				
INSTALLATION OF HARDWARE												
FY96 1 KIT											Ξ	₹.
T17 + 7075												

FOLLOW-ON LEAD TIME -- 24 MONTHS

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT INITIAL LEAD TIME -- 24 MONTHS

TOTAL COST (BP-1100) TOTAL INSTALL COST

FACT SHEET; C-25 3150 PROJECTED FINANCIAL PLAN	٤	NAVSTAR GPS (ONTINUED)				(CONTINUED)			
		FY-99 QTY AM	AMT QTY AN	OO AMT			TO COMP QTY AMT	TOTAL QTY	AMT
RDT&E (3600) N/A									
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT								8	. 6 . 6 . 6
CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP			,	7 .			".		6.
INSTALLATION OF HARDWARE FY96 1 KIT FY97 1 KIT		()	- I	 				££	
TOTAL INSTALL COST		-	- .					8	ci.
TOTAL COST (BP-1100)			- .	- .			₹.	8	80 TC
MILESTONES:	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01			
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	2/96 2/98	2/97	i i i i						
INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	FY-98 2 3	4 +	FY-99 2 3	4 -				٠,	

* * *** UNCLASSIFIED

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE MISSION COMMUNICATION SYSTEM UPGRADES, MN-4268 CLC C-25 CLASS P PE 41314F OF AIRCRAFT FY 1996 PROGRAM MODIFICATION VC-25 MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO DATE 02/21/95 FY 1996 PRE

PRESIDENTIAL MISSION: THE MCS (MCS) FOR VIP/SAM ACFT IS ESSENTIAL TO SUPPORTING THE AIRBORNE PRESIDENTIAL MISSION. THE REQUIREMENT IS BASED ON THE NEED TO ENSURE CONTINUED, SUSTAINED, AND INCREASED SUPPORT FOR THE PRESIDENTIAL AIRCRAFT. THE MOD INTEGRATES SARS/TARS HARDWARE AND SOFTWARE INTO THE EXISTING MCS SWITCHING SYSTEM. DESCRIPTION/JUSTIFICATION:
PRESIDENTIAL MISSION.
AND INCREASED SUPPORT

NO RDT&E REQUIRED DEVELOPMENT STATUS: NONE.

FY-98 ٥T AMT FY-97 QTY AMT FY-96 QTY AMT FY-95 AMT Fγ-94 ΩŢ 111111 AMT PRIOR 7 PROJECTED FINANCIAL PLAN

RDT&E (3600) N/A

2.3 <u>.</u> 4. 3 INSTALLATION OF HARDWARE PROCUREMENT (3010) INSTALL KITS KITS NONRECUR CHANGE ORDERS SUPPORT-EQUIP SARS/TARS HDW EQUIP NONREC SIM/TRAINER EQUIPMENT DATA

o ¦ FOLLOW-ON LEAD TIME METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM INITIAL LEAD TIME -- 3 MONTHS

TOTAL COST (BP-1100)

TOTAL INSTALL COST

FY94 2 KITS

1.3 د. 9.5

(5)

MONTHS

(CONTINUED)

MISSION COMMUNICATION SYSTEM UPGRADES	CONTINUED)	
4268	_	
C-25	NANCIAL	
FACT SHEET; C-25	PROJECTED FINANCIAL PLAN	

AMT FY-00 QTY A AMT FY-99 QTY AI

RDT&E (3600) N/A

SIM/TRAINER SUPPORT-EQUIP SARS/TARS HDW INSTALLATION OF HARDWARE FY94 2 KITS PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

FY-94

3/94 4/94 CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

FY-95 2 INSTALLATION SCHEDULE: QUARTERS 1 INPUT 2

FY-96

2.3 ر ن 5

1.5

N

AMT

AMT

TO COMP

TOTAL

9.5

UNCLASSIFIED

		BUDG	BUDGET ITEM JU: (EXHIBIT I	JUSTIFICATION IT P-40)	Z			DATE FEBRU/	FEBRUARY 1995
APPROPRIATION/BUDGET ACTIVITY	DGET ACTI	VITY		P-1 ITE	P-1 ITEM NOMENCLATURE: C-130	TURE: C-130			
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIC	UREMENT A	AF/AIRCRAFT N	IODIFICATIONS	S					
		FY 1994 FY 1995	FY 1995	FY 1996	FY 1996 FY 1997 FY 1998 FY 1999	FY 1998	FY 1999	FY2000	FY2001
QUANTITY									
COST (In Mil)		\$118.785 \$76.500	\$76.500	\$84.399	\$92.533	\$84.035	\$95.446	\$95.446 \$162.741 \$161.415	\$161.415

troops, 64 paratroopers, 74 litter patients, or 6 standard 463-L pallets. The overall goal of the modifications budgeted in FY96 is to enhance flight safety while improving reliability and maintainability. The specific modifications budgeted and programmed are This line item funds modifications to the C-130 aircraft. The four engine C-130 provides theater airlift and carries either 92 attached.

P-1 SHOPP LIST ITEM NO. 49

PAGE NO.

UNCLASSIFIED

DATE 02/21/95

FY 1996 PRE

OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC C-130 CLASS P FLIGHT DATA RECORDER, MN-10603A

IPTION/JUSTIFICATION: FOUR C-130 MISHAPS DURING 1978, EACH INVOLVING LOSS OF AIRCRAFT AND HUMAN LIFE, EMPHASIZE THE NEED FOR A RECORDER SYSTEM. WHEN ALL CREW MEMBERS ARE FATALLY INJURED AND THERE IS NO RECORDER EVIDENCE AVAILABLE, THE ACCIDENT INVESTIGATION BOARD MEMBERS USUALLY MUST SURMISE THEIR CONCLUSIONS AS TO THE POSSIBLE CAUSES OF THE ACCIDENT. FOLLOW-ON ACTION OFTEN HAS LED TO EXPENSIVE FORCE RETROFIT OR FORCE DOWNTIMES WHICH MAY OR MAY NOT HAVE BEEN NEEDED. A RECORDER SYSTEM SHOULD PRECLUDE ACCIDENT BOARD CONCLUSIONS BASED ON INSUFFICIENT DATA AND THUS ELIMINATE UNNECESSARY RETROFITS AND COSTLY DOWNTIME AS A RESULT. PMD LY1072 (1). 41115F PE C-130 90 MOD INSTAL (\$3.990). MODELS OF, AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO

(INSTALL SCHEDULE PMENT STATUS: AIRCRAFT BREAKOUT : 172 ANG; 115 AFRES; AND 298 ACTIVE. REFLECTS 11 AZ ACFT, 66 ANG, 9 AFRES & 65 MAC ACFT NOT FUNDED BY BP11.) DEVELOPMENT STATUS:

:	FY-98	QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT AMT		
	FY-97	QTY AN		
	FY-96	AMT	1 1 1 1	
	¥	QTY	1	
	FY-95	AMT	1 1 1 1	
	¥	φT		
	FY-94	AMT	1 1 1 1	
	FΥ	QΤΥ	1 1	
	OR	AMT	11111	
AL PLAN	PRIOR	ΔT	1 1 1 1	
CIAL	,			
FINAN				
PROJECTED FINANCIAL			*	

RDT&E (3600) N/A

PROCUREMENT (3010) KITS NONRECUR CHANGE ORDERS INSTALL KITS EQUIP NONREC EQUIPMENT DATA

SUPPORT-EQUIP
INSTALLATION OF HARDWARE FY90 212 KITS SIM/TRAINER

TOTAL INSTALL COST

4.4 5.7

212 (212)

TOTAL COST (BP-1100)

-- 12 MONTHS FOLLOW-ON LEAD TIME

INITIAL LEAD TIME -- 12 MONTHS

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

	AMT		£ 4 6 6 6 6 6 6 6 6 6	4.4	5.8				
	TOTAL QTY		212)	212					
	TO COMP OTY AMT					FY-96		4 0 0	
(CONTINUED)						FY-95		FY-93 2 3 7 3 7	
						FY-94		4 14 25 4	4 8 8
·			·			FY-93		FY-92 2 3 40 51 39 57	FY-96 2 3 18 17 18 17
	00 AMT					FY-92		4 1 48 40 52 37	4 1 17 18 17 18
ORDER	FY-00 IT QTY A					FY-9+		FY-91 2 3 40 47 36 48	FY-95 2 3 20 23 20 23
IT DATA REC IUED)	FY-99 QTY AMT)				FY-90		4 1 20 25 21 26	4 1 17 19 17 19
10603A FLIGHT DATA RECORDER AN (CONTINUED)						FY-89		FY-90 2 3 6 18	FY-94 2 3 18 14 18 14
FACT SHEET; C-130 106 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY90 212 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 1	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 13 OUTPUT 13

*** UNCLASSIFIED

OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE , MN-12603B APQ-122 RADAR REPLACEMENT, MN-12603B MODIFICATION TITLE AND NO FY 1996 PRE

C-130E MODELS OF AIRCRAFT AFFECTED

IPTION/JUSTIFICATION: PRESENTLY THE APQ-122(V)1, IS INSTALLED ON THE C-130E ADVERSE WEATHER AERIAL DELIVERY SYSTEM (AWADS) AIRCRAFT. THE MODIFICATION NEEDS TO BE ACCOMPLISHED DUE TO THE LOW RELIABILITY (12-18 HOURS MTBF). THE LACK OF BITS AND PIECES AND OF REPAIRABLE ASSEMBLIES HAS RESULTED IN INTENSIVE MANAGEMENT OF THE APQ-122 SYSTEM BY THE DEPOT. MODIFICATION WOULD RESULT IN A SYSTEM WITH FILED DEMONSTRATED MEAN TIME BETWEEN FAILURE (MTBF) OF 150 HOURS. FY92 ECP WILL INCLUDE LPI (LOW PROBABILITY OF INTERCEPT) IMPLEMENTATION IN SECTOR SCAN. PMD 41115F PE 90 MOD INSTAL (\$2.250). DESCRIPTION/JUSTIFICATION: 6211(2)/12603B.

DEVELOPMENT COMPLETE. FY 93-94 ICS ARE FIRM FIXED PRICED OPTIONS. 48 ACTIVE ACFT BREAKOUT: DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN	AN PRIOR		FY-94	94	FY-95	95	FY-96		FY-97	7	FY-98	86
	γL	AMT	QTY.	AMT	ΟTΥ	AMT	γTQ	MT	917	AMT	QTY	AMT
RDT&E (3600) N/A	! ! !	! ! ! !										
PROCUREMENT (3010)												
INSTALL KITS	49	4.8										
KITS NONRECUR	-	7.1										
EQUIPMENT		29.0										
EQUIP NONREC		29.0										
CHANGE ORDERS		-		₹.		о О						
DATA		4.4										
SIM/TRAINER		4.4										
SUPPORT-EQUIP		18.1		0.		•						
ICS		3.2		4.4		.		2.1				
FLIGHT TEST												
INSTALLATION OF HARDWARE												
FY90 50 KITS (20)	1	!	1	1	 	1	 	1	11111	 	1
TOTAL INSTALL COST	20	i i i i		-								
TOTAL COST (BP-1100)	20	50 103.1		5		4.3		2.1				
METHOD OF IMPLEMENTATION: INSTALLATION	ON: I	ON: INSTALLATION	TION	DEPOT	DEPOT/FIELD TEAM 28 MONTHS	TEAM	FOLL	NO-MC	FOLLOW-ON LEAD TIME 60 MONTHS	ق ا	O MONTH	S

	E	_	8. + 0.000 8. + 0.000 8. + 0.000 8. + 4. 4. 6. 1. 0. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	i 1		115.0				
	TOTAL QTY AMT		o − 	50)	_	50	FY-96			
	- i						FY-95			
	TO COMP QTY AM	٠.								
	٠.			•	***		FY-94		400	
(CONTINUED)							FY-93		FY-93	
							FY-92		4	400
							FY-91		FY-92 2 3	FY-96 2 3
L	OO AMT	1 1 f 1			! ! !		FY-90	1/90 4/93	4	499
REPLACEMENT	FY-00 AT QTY	 			! ! ! !		FY-89	1/89 2/93	FY-91 2 3	FY-95 2 3 6 6 6 6
122 RADAR R IUED)	6-⊁	; ; ; ; ;					FY-88	1/88 1/93	4	4
12603B APQ-122 RADAR PLAN (CONTINUED)		•					FY-87	4/87 2/90	FY-90	FY-94 2 3 2 6 2 6
FACT SHEET; C-130 126 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP	FLIGHT TEST INSTALLATION OF HARDWARE FYSO 50 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 3 OUTPUT 3

DATE 02/21/95

OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE COMPUTER REPLACEMENT, MN-14515B

WITH STATE-OF-THE ART COMPUTERS. THIS MOD IS REQUIRED TO INSURE THE CAPABILITY OF INSTALLING FUTURE MODS TO THE SIMS. THE EXISTING COMPUTERS ARE CRITICALLY SHORT ON SPARE MEMORY AND PROCESSING TIME. THE SCNS MOD IS ON CONTRACT AND WILL BE THE LAST MAJOR MOD ON THE C-13O SIMULATORS WITH EXISTING COMPUTERS. AFTER INSTALLATION OF THE SCNS AND THE AWADS RADAR REPLACEMENT (MOD-12603B), THE C-13O SIMULATORS WILL HAVE ABSOLUTELY NO SPARE TIME LEFT FOR FUTURE CONCURRENCY MODS (#17605B, #3150, #3344). PMD: 2261(2)/64227F/54118F/54219F/41115F. 41115F PE C-130 MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO FY 1996 PRE

DEVELOPMENT STATUS: DEVELOPMENT COMPLETE.

FY-94 PROJECTED FINANCIAL PLAN

ΩT AMT ΩŢ AMT ΩT AMT FY-95 QTY AMT QΤV AMT PRIOR QΤ

RDT&E (3600) N/A

PROCUREMENT (3010) INSTALL KITS KITS NONRECUR CHANGE ORDERS EQUIP NONREC EQUIPMENT DATA

Ξ INSTALLATION OF HARDWARE FY92 1 KITS (SUPPORT-EQUIP SIM/TRAINER SOFTWARE

ე ე

FY93 10 KITS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM INITIAL LEAD TIME -- 12 MONTHS

18.0

MONTHS က 1 FOLLOW-ON LEAD TIME

TOTAL QTY

TO COMP QTY AMT

	(CONTINUED)								
*** ONCLASSIFIED ***	COMPUTER REPLACEMENT (CONTINUED)	FY-99 FY-00 QTY AMT QTY AMT						1/93 2/93	4 4 4
	14515B COMPUTE PLAN (CONTINUE	G ¦			1			: 1/92 : 1/93	F × - 93
	FACT SHEET; C-130 PROJECTED FINANCIAL PL	RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS	DATA SIM/TRAINER SUPPORT-EQUIP SOFTWARE INSTALLATION OF HARDWARE FY93 10 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY) DELIVERY-DATE (QTR/FY)	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

20.3

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MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

DATE 02/21/95 FY 1996 PRE

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE

AUTOPILOT/GCAS, MN-17605B MODIFICATION TITLE AND NO

TUBE TECHNOLOGY IS OBSOLETE AND UNSUPPORTABLE DUE TO THE LACK OF REPLACEMENT PARTS. A SPECIAL PRODUCTION LINE IS REQUIRED TO PRODUCE THE TUBES WHICH ARE EXTREMELY EXPENSIVE AND UNRELIABLE. CURRENT MISSION REQUIREMENTS INVOLVE OVERWATER FLIGHTS AND AIR REFUELING WHICH REQUIRE A RELIABLE AUTOPILOT TO SUSTAIN AUTOMATIC FLIGHT CONTROL TO ALLEVIATE AIRCREW FATIGUE AND IMPROVE AIR CREW CAPABILITY IN ACCOMPLISHING CONTINGENCY AND UNCONVENTIONAL WARFARE TASKINGS. THE SYSTEM INCLUDES GROUND COLLISION AVOIDANCE SYSTEM (GCAS) CAPABILITY. PMD 9208(1)/17605B. CLASS P THE PRESENT C-130 AUTOPILOT HAS BEEN IN SERVICE SINCE THE LATE 1950S.THE CLC C-130 41115F PE ALL C-130 DESCRIPTION/JUSTIFICATION: MODELS OF AIRCRAFT AFFECTED

PMENT STATUS: CCB AUG 88. FLIGHT TEST, JAN 1995. ACFT BREAKOUT: 132 AFRES: 207 ANG; AND 283 ACTIVE. (620 TOTAL AIRCRAFT WILL BE MODIFIED WITH 718 KITS). THE INSTALLATION SCHEDULE DEVELOPMENT STATUS:

BELOW SHOWS TWO KITS BEING INSTALLED IN FY94. THE SECOND KIT IS FOR GCAS ONLY AND IS PURCHASED WITH FY94 DOLLARS, BUT WILL BE DELIVERED IN 3RD GTR FY94. THIS KIT IS OFF THE SHELF AND DOES NOT REQUIRE THE 12 MONTHS LEADTIME. PROJECTED FINANCIAL PLAN QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT	_	
BELOW SHOWS TWO KITS BEING INSTALLED IN FY94. THE SECOND KIT IS FOR GCAS ONLY AND IS PURITHE FOR THE SHELF AND THE	JRCHASED) DOES	38 AMT
BELOW SHOWS TWO KITS BEING INSTALLED IN FY94. THE SECOND KIT IS FOR GCAS UNLY AN WITH FY94 DOLLARS, BUT WILL BE DELIVERED IN 3RD QTR FY94. THIS KIT IS OFF THE SHOOT REQUIRE THE 12 MONTHS LEADTIME. PROJECTED FINANCIAL PLAN QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT	ELF AND	FY-9
BELOW SHOWS TWO KITS BEING INSTALLED IN FY94. THE SECOND KIT IS FOR GCAS OF WITH FY94 DOLLARS, BUT WILL BE DELIVERED IN 3RD GTR FY94. THIS KIT IS OFF TOTAL REQUIRE THE 12 MONTHS LEADTIME. PROJECTED FINANCIAL PLAN QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY	THE SP	7 AMT
BELOW SHOWS TWO KITS BEING INSTALLED IN FY94. THE SECUND KIT IS FUR WITH FY94 DOLLARS, BUT WILL BE DELIVERED IN 3RD GTR FY94. THIS KIT NOT REQUIRE THE 12 MONTHS LEADTIME. PROJECTED FINANCIAL PLAN QTY AMT QTY AMT QTY AMT QTY AMT	IS OFF	FY-9' QTY
BELOW SHOWS TWO KITS BEING INSTALLED IN FY94. THE SECOND KIT WITH FY94 DOLLARS, BUT WILL BE DELIVERED IN 3RD GTR FY94. THI NOT REQUIRE THE 12 MONTHS LEADTIME. PROJECTED FINANCIAL PLAN QTY AMT GTY AMT GTY AMT GTY AMT GTY	IS KIT	36 AMT
BELOW SHOWS TWO KITS BEING INSTALLED IN FY94. THE SECON WITH FY94 DOLLARS, BUT WILL BE DELIVERED IN 3RD GTR FY94 NOT REQUIRE THE 12 MONTHS LEADTIME. PROJECTED FINANCIAL PLAN QTY AMT GTY AMT GTY AMT	- X - X - X - X - X - X	FY-9
BELOW SHOWS TWO KITS BEING INSTALLED IN FY94. THE WITH FY94 DOLLARS, BUT WILL BE DELIVERED IN 3RD GINOT REQUIRE THE 12 MONTHS LEADTIME. PROJECTED FINANCIAL PLAN QTY AMT QTY AMT QTY AMT QTY	: SECUN	S AMT
BELOW SHOWS TWO KITS BEING INSTALLED IN FYSA WITH FYSA DOLLARS, BUT WILL BE DELIVERED IN NOT REQUIRE THE 12 MONTHS LEADTIME. PROJECTED FINANCIAL PLAN OTY AMT QTY AMT Q	3RD Q1	FY-95
BELOW SHOWS IND KITS BEING INSTALLED IN WITH FY94 DOLLARS, BUT WILL BE DELIVERE NOT REQUIRE THE 12 MONTHS LEADTIME. PROJECTED FINANCIAL PLAN OTY AMT QTY AN	NI O	
BELUW SHOWS IND KITS BEING INSTALL WITH FY94 DOLLARS, BUT WILL BE DEL NOT REQUIRE THE 12 MONTHS LEADTIME PROJECTED FINANCIAL PLAN OTY AMT QTY	EU IN IVERE	/-94 AN
BELUW SHUWS IND KIIS BEING IN WITH FY94 DOLLARS, BUT WILL E NOT REQUIRE THE 12 MONTHS LEAPROJECTED FINANCIAL PLAN PRIOR OTY AMT	SE DEL	PT V
BELOW SHOWS IND KITS BY WITH FY94 DOLLARS, BUT NOT REQUIRE THE 12 MONI PROJECTED FINANCIAL PLAN OTY	WILL E	JR AMT
BELDW SHOWS TWG WITH FY94 DOLLA NOT REQUIRE THE PROJECTED FINANCIAL F	KITS BE IRS, BUT 12 MONT	LAN PRIC QTY
BELDW SHOW WITH FY94 I NOT REQUIRI	S TWO	
BELOW WITH NOT R PROJECTED F	SHOW: FY94 I	INANC
PROJECT	SELOW VITH	TEO F
	w ~ E	PROJECT

PROCUREMENT (3010) INSTALL KITS			103	-			103	6.2	136	10.4	63	က် က (
KITS NONRECUR	-	4 0.	80	-							- ;	1.7
EQUIPMENT			(103)	4.5			(103)	17.0 (136)	(136)	25.6	(63)	9.1
EQUIP NONREC		21.6	(8)	12.6						,	Ξ	3.7
CHANGE DRDERS										5.6		ו ש
DATA		ග		4.6								ა.
SIM/TRAINER					Ê	7.1				1		
SUPPORT-EQUIP				6.2						۲.		•
SOFTWARE		5.4		∞.		φ.				თ.		4.
WARRANTY				ღ.		ij		œ _.		. 7		œ.
ICS												1
FLIGHT TEST				- .		თ.		0 -		o.		œ.
INSTALLATION OF HARDWARE												
FY92 2 KITS			(5)	- .				,	(
FY94 111 KITS					(42)	• •	1.0 (64)	2.5	(2)	4.	•	(
FY96 103 KITS	•								(26)	ი ი	(47)	n (
FY97 136 KITS											(134)	9.4
FY98 64 KITS												
FY99 160 KITS												
FYOO 143 KITS					1	1		1	1	1	: : :	1
TOTAL INSTALL COST	! !	1 	7	7.	42	1.0	64	2.2	61	4.3	181	12.7
TOTAL COST (BP-1100)		31.9	111	32.2		8. 6	103	27.0	136	46.2	64	39.3

-- 12 MONTHS

FOLLOW-ON LEAD TIME

DEPOT/FIELD TEAM

INSTALLATION INITIAL LEAD TIME

METHOD OF IMPLEMENTATION:

12 MONTHS

(CONTINUED)

AUTOPILOT/GCAS	(CONTINUED)
17605B	- PLAN
; C-130	FINANCIAL
FACT SHEET;	PROJECTED FINANCIAL

PROJECTED FINANCIAL PLAN	(CONTINUED)	(OED)									1		; ; ;		
		FY-99 QTY	AMT	FY-00 QTY	OAMT			•			TO COMP OTY A	AMT	0TY	AMT	
RDT&E (3600) N/A		i ! ! !	f 												
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC		160	13.5	143	12.1		,						708 10	49.8 7.6 120.9 37.9	
CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP SOFTWARE WARRANTY			٥. ٥.											0.7.6 0.1.0 0.0 0	
FLIGHT TEST INSTALLATION OF HARDWARE FY92 2 KITS FY94 111 KITS											٠		111)	13.	
2 2 2 2 2		(2) (61)	. 4 . 0	(3) (157)	"; ",						(3)	.3(136) 64) 160) 143)	9.6 1.2.9 1.00	
NI I		69	5.1	160	12.8						146	14.3	7 19	52.5	
		160	53.6	143	55.1							14.3	718	309.4	
MILESTONES: :	. FY-92	F Y - 93	₽ 1	Y-94	FY-95	u. 1	FY-96	FY-97	97	FY-98	FY-99	FY-00	FY-01	· · •• [
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):			46	4/94 3/95			2/96 2/97	1/97 2/98	8	. 1/98 1/99	1/99	1/00			
INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	F≺ 2 - 93	4 .	FY-	6	4	<u>"</u> "	FY-95 2 3 11	4 5 5 5 5	1 25 25	FY-96 2 3 24 13 24 13	400				
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 4 OUTPUT 4	FY-97 2 3 12 22 12 22	4 24 46 24 46	7 4 4 7 3 3 3	-98 3 45	46 46 1	1 2 16 16 16 16 16 16	7-99 2 3 5 16 5 16	4 ਦ ਦ							
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 40 OUTPUT 40	FY-00 2 3 40 40 40 40	4 4 4 4 4 4 4 4 4 4 4 9 3	ΕΥ. 1 2 36 36 36 36	-01 36 36	35 35 35					•					

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

DATE 02/21/95 FY 1996 PRE

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE ELECTRICAL SYSTEM UPGRADE, MN-18600B CLC C-130 CLASS P

MODELS OF AIRCRAFT AFFECTED

DESCRIPTION/JUSTIFICATION: THE C-130 ELECTRICAL POWER SYSTEM WAS DESIGNED IN THE 1950'S. ON-BOARD EQUIPMENT IN USE THEN WAS RELATIVELY TOLERANT OF ELECTRICAL POWER FLUCTUATIONS. MODERN AVIONIC SYSTEMS, HOWEVER, ARE DEPENDENT ON SOLID-STATE CIRCUITS AND COMPUTER SUPPORT WHICH MAKES THEM MORE SUSCEPTIBLE TO DISRUPTIVE ELECTRICAL TRANSIENTS/SPIKES WITHIN THE SYSTEM. THE PROPELLER SYNCHROPHASER, FOR EXAMPLE, HAS TRANSLATED A LOW VOLTAGE CONDITION INTO A LOSS OF ENGINE POWER RESULTING IN OVER 30 FLIGHT MISHAPS FROM 1987 TO 1989. THE C-130 WILL CONTINUE TO BE A VIABLE PART OF THE AIRLIFT FORCES INTO THE NEXT CENTURY. THE C-130 WILL NEED "CLEAN" ELECTRICAL POWER FOR ALL NEW MODIFICATIONS TO OPERATE PROPERLY AND RELIABLY. PMD 2264(2). 41115F PE C-130E/H/N/P/U MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: COMPLETE. ACFT BREAKOUT: 186 ANG; 124 AFRES; 297 ACTIVE.

PROJECTED FINANCIAL PLAN	IN PRIOR	08	FY-94	94	FY-95	95	FY-96	96-	FY-97		FY-98	-98
•	QT.	AMT	γT¢	AMT	QT7	AMT	0TV	AMT	ΔTΦ	AMT	0ΤΥ 	AMT
RDT&E (3600) N/A					٠							
PROCUREMENT (3010)												
INSTALL KITS			ស	₹.			75	10.5	96		11.7 112	13.5
KITS NONRECUR	4	8.2									,	
EOUIPMENT			(2)	₹.			(12)	ი.	(96)	თ.	.9 (112)	1.2
EQUIP NONREC		1.7	(5)	7								
CHANGE ORDERS												
DATA				2.6								
SIM/TRAINER					(16)	1.9						
SUPPORT-EQUIP						1.2						
FLIGHT TEST						4.4						
INSTALLATION OF HARDWARE												
FY93 4 KITS (4						,	1				
FY94 5 KITS							(2)	ღ.	,			
FY96 75 KITS									(42)	3.3		
FY97 96 KITS											(96)	4.4
FY98 112 KITS												
FY99 224 KITS												
FYOO 66 KITS		1	1	i ! !	1	1	 	 	!	1	1 1	1
TOTAL INSTALL COST	4						ហ	ь. С	75	3.3	96	4.4
101AL COST (BP-1100)	4	6.6	ស	3.0		4.5	75	11.7	96	15.9	112	19.1
METHOD OF IMPLEMENTATIC 1	INITIA	ITATION: INSTALLATION INITIAL LEAD TIME	TION -	- DEPOT	DEPOT 12 MONTHS		FOLL	FOLLOW-ON LEAD TIME 12 MONTHS	EAD TI!	WE 1	2 MONT	HS

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*

(CONTINUED)

UPGRADE	
SYSTEM	
GOOB ELECTRICAL SYSTEM UPGRADE	(CONTINUED)
18600B	_
C-130	INANCIAL
FACT SHEET; C-130	PROJECTED FINANCIAL PLAN

PRODECTED TRANSPORT		, , , , , ,														
		FY-99 QTY A	. BAMT	FY-00 QTY A	OO AMT						0T VT0	TO COMP QTY AMT	⊢ ¦	TOTAL QTY	AMT	
RDT&E (3600) N/A		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	t 1 1	 						t.					
PRDCUREMENT (3010) INSTALL KITS		224	22.9	99	5.2									578 4	63.9	
KITS NONRECUR EQUIPMENT		(224)	2.3	(99)	ů.										9 9	
CHANGE ORDERS .															2.6	
SIM/TRAINER SUPPORT-EQUIP															- - -	
INSTALLATION OF HARDWARE FY93 4 KITS													<u> </u>	<u>4</u> (0)	e.	
FY94 5 KITS FY96 75 KITS											T va.			75) 96)	6 4 n	
		(112)	π. 4.	(224)	0.6						(99)	1	3·6(112) 224) 66)	0 0 0 1	
		112	5.4	224	9.0							99	3.6	582	26.0	_
TOTAL COST (BP-1100)		224	30.6	99	14.7							••	9. 9.	582	113.0	_
MILESTONES:	FY-92	FY-93		FY-94	FY-95	വ	FY-96	Œ 1	FY-97	FY-98	F Y - 99	FY-00	8 :	FY-01		
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):		3/94 3/95		3/94 4/95	! ! !	1	1/96	 	1/97	1/98 1/99	1/99	1/00/1	0-			
INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	FY-95 2 3	4 11 11	+ 44 74 74 74 74	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	4	20 20	FΥ-97 2 3 20 20 20 20	4 10 10	- 54 - 44	FΥ-98 2 3 24 24 24 24	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4					
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 28 OUTPUT 28	FY-99 2 3 28 28 28 28	4 8 8	1 2 5 56 56 56	7-00 2 3 5 56 5 56	56 56 56	- 8 <u>1</u>	FY-01 2 3 16 16 16 16	4 1 9		•						
INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	FY-02 2 3	4													_	

DATE 02/21/95

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE FUEL QTY SYS UPGRADE ON C-130H, MN-18603B CLC C-130 CLASS P FY 1996 PRE MODIFICATION TITLE AND NO

ON HIGGBADES THE FILE! OHANTITY SYSTEM ON EARLY E/G-130H AIRCRAFT PE 41115F EC-130H/C130H MODELS OF AIRCRAFT AFFECTED

ATION: MODIFICATION UPGRADES THE FUEL QUANTITY SYSTEM ON EARLY E/C-13OH AIRCRAFT EXTERNALLY MOUNTED FUEL PROBES, DIGITAL FUEL QUANTITY INDICATORS AND ASSOCIATED INCREASES RELIABLITY TO AN MTBM OF 3.500 HOURS AND SAVES AN ESTIMATED 90 HOURS TROUBLESHOOTING THE SYSTEM. PMD 0911(1).		FY-98 Y AMT		1.7	16) 1.1				(2) .2		ស	19 3.3	ONTHS
*UEL QUANTITY SYSTEM ON EARLY E/C-130H AIRCR SITAL FUEL QUANTITY INDICATORS AND ASSOCIATE 3,500 HOURS AND SAVES AN ESTIMATED 90 HOURS 9911(1).		AMT QT		6.	.2	<u>თ</u> .			<u>-</u> -	E)	1.2	2.5	FOLLOW-ON LEAD TIME 18 MONTHS
ON EARL Indicato Es an Es	ACTIVE.	FY-97 QTY		၈	(3)	Ξ			(15) (2)		17	၉	EAD TIME
/ SYSTEM JANTITY AND SAV	6 ANG; 60 ACTIVE	FY-96 Y AMT		<u>ښ</u>	4	Ξ.				! ! !		9.	.0W-0N
DUANTITY FUEL OF D HOURS		5		4	(4)				ស		1.5	6	
FUEL (IGITAL F 3,500	BREAKO	FY-95 FY AMT		,	-				1.5		5 4.	2.6	LD TEAM
TION: MODIFICATION UPGRADES THE FUEL QUA XTERNALLY MOUNTED FUEL PROBES, DIGITAL FU NCREASES RELIABLITY TO AN MTBM OF 3,500 H TROUBLESHOOTING THE SYSTEM. PMD 0911(1).	AIRCRAFT BREAKOUT:	AMT QTY		۲. ت	б .	*			(2)			2.4	DEPOT/FIELD TEAM 18 MONTHS
TION UPGE ED FUEL P LITY TO / THE SYS'		FY-94 QTY AI	 	20	(20)						!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	20	i i
TION: MODIFICATION XTERNALLY MOUNTED FU NCREASES RELIABLITY TROUBLESHOOTING THE	DEVELOPMENT COMPLETE.	AMT		+.	<u>ო</u> .	- .	ų.	- m) :		1.4	3.9	ON: INSTALLATION INITIAL LEAD TIME
TION: M XTERNALL NCREASES TROUBLES	DEVELOPM	PLAN PRIOR QTY		£	-			£ 33			4	4	ION: IN
DESCRIPTION/JUSTIFICAT BY INSTALLING EX WIRING. THIS IN PER PROBE WHEN T	DEVELOPMENT STATUS: D	PROJECTED FINANCIAL PL	RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS	KITS NONRECUR EQUIPMENT	EQUIP NONREC CHANGE ORDERS DATA	SIM/TRAINER SUPPORT-EQUIP	INSTALLATION OF HARDWARE	FY94 20 KITS	FY96 4 KIIS FY97 3 KITS FY98 19 KITS FY99 6 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	METHOD OF IMPLEMENTATION: INSTALLATION INITIAL LEAD TIME

(CONTINUED)

FACT SHEET; C-130 18603B FUEL QTY SYS UPGRADE ON C-130H PROJECTED FINANCIAL PLAN (CONTINUED)

TOTAL TO COMP FY-00 FY-99

		FY-99 QTY	AMT QT	FY-00 Y AMT					YTO	AMT	0TV	AMT
RDT&E (3600) N/A												
PROCUREMENT (3010) INSTALL KITS		y	īΰ								65	5.3 4.4
KITS NONRECUR EQUIPMENT		. (9)	4.									9 -
CHANGE ORDERS												- . o
SIM/TRAINER SUPPORT-EQUIP												
TOOLING DE UABBUMABE										•	í	
											£ 5	
									No.		20) 4)	2 9.6 9.
FY96 4 KITS FY97 3 KITS											(e) q	ب دن ر
		(10)	0.	~	10				1		9	1.5
TOTAL INSTALL COST		0+	1.0	5 1.	. LC						99	7.1
TOTAL COST (BP-1100)		ဖ	1.9	÷	ល						99	18.7
MILESTONES:				i	. !	:	2	0 2 2	0	2		
	FY-92	FY-93	FY-94	FY-95	ر ا 60	FY-96	75-77	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		2 !		
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	2/92 4/93	2/93 4/94	2/94 4/95			2/96 4/97	1/97 3/98	1/98 3/99	1/99 3/00			
INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	FY-93 2 3	4	FY-94	ω 4	-	FY-95 2 3 1 2	4 + 6	FY-96 2 4 4 2 4 4 4 4	4 W 4			
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 5 OUTPUT 5	FY-97 2 3 5 5 5 5	400	FY-98	6 t 4 4 t	- 4	FY-99 2 5	4 ល ល					
INSTALLATION SCHEDULE: QUARTERS INPUT SOUTPUT 5	FY-00 2 4 4 3 5 4 4 4 4	4 W O	·	•								

*** UNCLASSIFIED

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-130 CLASS P

DESCRIPTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) IS A SPACE-BASED RADIO NAVIGATION SYSTEM THAT WILL PROVIDE SUITABLY EQUIPPED HOST VECHICLES WITH HIGHLY ACCURATE, JAM-RESISTANT, THREE DIMENSIONAL POSITION, VELOCITY, AND TIME DATA, WORLDWIDE IN ALL WEATHER TO IMPROVE MISSION EFFECTIVENESS. PE 41115F ALL MODELS OF C-130 NAVSTAR GPS, MN-3150 MODELS OF AIRCRAFT AFFECTED FY 1996 PRE MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: CONTRACT AWARD TO SMITH IN FY93/3. TRIAL INSTALL COMPLETES FY94/2 WITH KPS
FY 3/94. FY94 FUNDING SATISFIES URGRENT ROMT TO MODIFY 28 HC-130 COMBAT
SHADOW (21 REQUÍRE FULLY INTEGRATED GPS; 7 REQUIRE UPGRADE TO HI-SPEED PROCESSORS) ALL 28 HC-1
30S TO BE MODIFIED 4/96. ACFT BREAKOUT: 190 ANG, 130 AFRES, 233 ACTIVE. CCB APR 90. RDT&E
COMPLETE.

FY-97 FY-98	CT. ALL OTO ANT OTO ANT OTO AMT OTO AMT	
FY-96	OTV AMT	
F V - 95	TMA	
F V = 94	THE VICE	E
PLAN	10141 10141	
PROJECTED FINANCIAL F		

PROJECTED FINANCIAL PLAN	AN) }		FY-95	ຄ	FY-96	96	FY-97	76	FY-98	8
	QTY	AMT	QTY AM	-	οTΥ	AMT	VTV	AMT	, - Το	AMT	0TV	AMT
RDT&E (3600) N/A	 											
PROCUREMENT (3010)						,			į			
INSTALL KITS	က	ĸ.	16		142	<u>+</u>	1.5 142	1.5 164	164	7.0		
KITS NONRECUR	7	4.7		9.4		•	(0,)	•	(101)	i,		
EQUIPMENT		9	(22)	6.3	6.3 (142)	10.4	10.4 (142)	10.4	10.4 (164)	0.0		
EQUIP NONREC		v.		1.0								
CHANGE URDERS				:								
CALA SIM/TRAINER		:				-						-
SUPPORT-EQUIP								•				
SOFTWARE		٠.				١						
FLIGHT TEST				<u>~</u>		S		υ.				
INSTALLATION OF HARDWARE		(
FY92 5 KITS (2				()	c	(22)	-				
FY94 76 KITS					(21)	0.	(66)		(142)	3.8		
FY95 142 KIIS									,		(142)	4.0
FY97 164 KITS								1	1	1	; ; ; ;	! ! !
TOTAL INSTALL COST	! ! !	.2	1	1 1 1 1	21	60	22	+.5	142	3.8		4.0
					•	:				0		•
TOTAL COST (BP-1100)	ល	7.6		76 13.6	142	14.2	142	14.2	164	20.8) †
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT/FIELD TEAM	ION:	NSTALL/	- NOITA	DEPO1	r/FIELD	TEAM	F01 L0	EDILOW-ON LEAD TIME 24 MONTHS	AD TIM	E 24	MONTH	v

FOLLOW-ON LEAD TIME -- 24 MONTHS DEPOI/FIELD 9 MONTHS ON: INSTALLATION INITIAL LEAD TIME IMPLEMENTATION:

	TO COMP TOTAL QTY AMT QTY AMT		527 6.0 2 9.3 42.3 1.2		(76) 2.3		529	529 79.0	18 FY-99 FY-01 FY-02	3 4 36 36 36 36	
(CONTINUED)									7 FY-98	FY-97 1 2 35 35 35 35	
•											
									FY-96 	1/98 FY-96 1 2 13 14 1	
	FY-00 Y AMT						1		FY-95 2/95	1/97	4 00 0
	TO					•	4.6	9.4	FY-94 	2/96 FY-95 7 7 7	FY-99 2 3 52 52
FAR GPS	FY-99 QTY AM1	! !					164		FY-92 	2/94 4 4 3 4 4	36 52
O NAVSTAR G (CONTINUED)									FY-91	FY-94 2 3 2 2	FY-98 2 3 35 36
FACT SHEET; C-130 3150 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS	SIM/TRAINER SUPPORT-EQUIP SOFTWARE FIIGHT TEST	INSTALLATION OF HARDWARE FY92 5 KITS		TOTAL INSTALL COST	TOTAL COST (BP-1100)	(aTR/FY)	DELIVERY-DATE (QTR/FY): INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS INPUT 35

* * *** UNCLASSIFIED

OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLO C-130 CLASS P

SCNS, MN-3190 MODIFICATION TITLE AND NO FY 1996 PRE

DESCRIPTION/JUSTIFICATION: EQUIPS C-130 AIRCRAFT WITH A SELF-CONTAINED NAVIGATION SYSTEM (SCNS).

THE SCNS WILL ENABLE C-130S TO OPERATE WITHOUT EXTERNAL NAVIGATION AIDS, SINCE IN BATTLE ZONES
NAVIGATION AIDS ARE LIKELY TO BE SHUT DOWN OR JAMMED. THE SCNS WILL IMPROVE THE C-130 MISSION
SUCCESS LIKELIHOOD, PARTICULARLY ON LOW LEVEL MISSIONS. THE SCNS WILL BE PROCURED AS A SINGLE
ENTITY AND WILL INCLUDE: INERTIAL NAVIGATION SYSTEM (INU), DOPPLER VELOCITY SENSOR, COCKPIT
DISPLAY UNIT, AND AN AIR DATA COMPUTER. DATA TRANSFER SYSTEM (DTS) PERMITS AIRCREWS TO PRELOAD
MISSION DATA IN GROUND FACILITIES FOR DIGITAL TRANSFER VS MANUAL LOADING ON ACFT SAVING MANY
MANHOURS. FY93 ECP'S INCLUDE DUAL INERTIAL NAVIGATION SYSTEM & OFB UPDATE. PMD: 3115(3)/3190. 41115F ם C-130B/E/H/N/P MODELS OF AIRCRAFT AFFECTED

DEVELOPMENT STATUS: ACFT BREAKOUT: 173 ANG; 120 AFRES; AND 256 ACTIVE. NOTE: TOTAL KIT PROCURE-MENTS (539 KITS), TOTAL INSTALLATION LINE (400 KITS), AND TOTAL KITS ACTUALLY INSTALLED (549)

							•						
PROJECTED FINANCIAL PLAN	PLAN												
	PRIOR	2	FY-94	34	FY-95	95	FY-96	96	FY-97	7	FY-98	8	
								****	-	T 16.4	> FC	Ann	
	λ±ο	AMT	OTY AMT OTY AMI	► M Y	<u>_</u>	ΞV	<u>></u>	Ā	CIT AMI CIT AMI	- E T	-	E	

RDT&E (3600) N/A

PROCUREMENT (3010)								
INSTALL KITS	535	24.9						
KITS NONRECUR	4	14.4						
EQUIPMENT		133.1						
EQUIP NONREC		17.1				•	•	,
CHANGE ORDERS		л Э	ت		හ _.	4.4	3.9	5
DATA		0.9						
SIM/TRAINER		19.9	1 .5	4.5				
SUPPORT-EQUIP		31.1						
BENCH MOCK-UP		7.2						
TOOL ING/EAP		50.0						
ICS		2.1	.7	4 0.	5.0			
INSTAL		4.9						
INSTALLATION OF HARDWARE								
FY90 379 KITS (379)							
FY92 14 KITS (14)	2.6					٠	
FY93 7 KITS (7	œ.					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1
TOTAL INSTALL COST	400	3.4	! ! ! ! ! ! !	! ! !				
TOTAL COST (BP-1100)	539	319.4	2.7	8.5	14.5	4.4	9.6	თ
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT/FIELD TEAM INITIAL LEAD TIME 24 MONTHS	INITIAL	NSTALLATION - L LEAD TIME -	- DEPOT/FIELD	TEAM	FOLLOW-ON LEAD TIME 7	TIME 7	MONTHS	

	TO COMP TOTAL QTY AMT QTY AMT	
(CONTINUED)		
SCNS (CONTINUED)	FY-99 FY-00 QTY AMT QTY AMT	
FACT SHEET; C-130 3190 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A

RDT&E (3600) N/A											
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP BENCH MOCK-UP TOOLING/EAP		·								838 4	24.9 14.4 133.1 17.1 23.6 6.0 25.9 31.1 7.2 50.0 11.8
INSTAL INSTALLATION OF HARDWARE FY90 379 KITS FY90 7 KITS								 	E	379) 14) 7)	9.8
TOTAL INSTALL COST TOTAL COST (BP-1100)			 	 						539	3.4
MILESTONES:) -	, ,	FY - 92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98		

MILESTONES:	FY-90	FY-91		FY-92	FΥ	69	FY-94	94	FY-95	22	FY-96	96	FY-97	FY-98
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	1/90	!		3/93 3/94	3/8	4/94 3/95	 	! !		<u> </u>	 			
INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	FY-90 2 3 14 27 11 21	35 35	1 37 35	FY-91 2 3 31 39 31 41	4 4 8 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	.37 46	FY-92 2 41 42	12 3 51 53	4 G C	1 29 27	FY-93 2 23	3 24 28	4 7 7 8 1 8 1 8 1 8 1 8 1 8 1 8 1 9 1 9 1 9 1	
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 19 OUTPUT 22	FY-94 2 3 11 8 15 2	4400	- α 4	FY-95 2 3 2 3	400	- 96	FY-96 2 2	က မွ	4					

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE (P), MN-3353 HF AUTO COMM PROCESSOR (ACP), MN-3353 MODIFICATION TITLE AND NO FY 1996 PRE

IPTION/JUSTIFICATION: THIS MODIFICATION SUPPORTS THE AIRLIFT MOBILITY COMMAND'S COMMAND AND CONTROL (C2) SYSTEM UPGRADE. IT, ALONG WITH SEVERAL ADDITIONAL MULTIPLE WEAPON SYSTEM MODS, PROVIDE THE ENHANCEMENTS AND UPGRADES TO THE AIRBORNE SEGMENT OF THE MAC C2 SYSTEM, UPGRADE. SPECIFICALLY THIS MODIFICATION IMPROVES THE PERFORMANCE OF THE AN/ARC-190 HF RADIO BY ADDING AUTOMATIC CHANNEL SCANNING, AUTOMATIC ADDRESSING WITH ADDRESS PROTECTION, CHANNEL EVALUATION AND FREQUENCY MANAGEMENT. ALSO JAM RESISTANCE/AVOIDANCE THROUGH SLOW FREQUENCY HOPPING WILL BE PROVIDED. PMD: 0924(1)/T3353. 41840F PE щ ⊗ Т MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION:

DEVELOPMENT STATUS: CCB MAY 89. TOTAL GP A KITS REQUIRED IS 684, WHICH INCLUDES 105 NEW A/C PRODUCED BETWEEN FY91 AND PRODUCTION CUT-IN STARTING FY95; 368 ON HAND. TOTAL GP B ACPS REQUIRED IS 731 QTY IS ONE PER 637 SCNS A/C (INCLUDES NEW PRODUCTION) AND TWO PER 47 SOF A/C. 471 ARE PROVIDED AT NO COST--EXCESS FROM OTHER A/C; E-4; C-141: 282, C-5: 126, KC-10: 59. A/C BREAKOUT: 178 ANG; 147 AFRES AND 359 ACTIVE.

PROJECTED FINANCIAL P	PLAN) U	5	7 0	r r	7 7	95	FY-97	26	FY-98	80
	QTY	TM.	QTY AM	AMT	QTY	AMT	0TY	AMT	0TV	AMT	QTY	AMT
RDT&E (3600) N/A	! ! !	! ! ! ! !	 									
PROCUREMENT (3010)												
INSTALL KITS	671	5.0	5.0 (104)	- :			216	.	240	. 7	09	
KITS NONRECUR	13	4.										
EOUIPMENT		10.2	(5)	*								
EOUIP NONREC		-										
CHANGE ORDERS		4.9		3.1								
DATA		5.6		- ت								
SIM/TRAINER					Ξ	1.7						
SUPPORT-EQUIP		1.3										
SOFTWARE												
INSTALLATION OF HARDWARE	ш											
FY94 104 KITS							(24)					
FY96 216 KITS									(212)		(0,0)	•
FY97 240 KITS											(240)	٥.
FY98 60 KITS		1	1	1	1	 	1 1 1 1	! ! !	t t 1	1	†	1 1
TOTAL INSTALL COST	, 			- - -			54	. 2	212	œ.	240	9.
TOTAL COST (BP-1100)	684	28.4		5.7		1.7	216	æ.	240	. .	09	œ.
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT INITIAL LEAD TIME 12 MONTHS	ION: INITIAL	VSTALL/	ATION -	- DEPOT	NTHS		FOLL	FOLLOW-ON LEAD TIME 9	EAD TIP	€ 9	MONTHS	v

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	AMT		c 0-8c		- 8.	39.1			
	TOTAL QTY		1187	54) 212) 240) 114)	620	1200	FY-99		
	 ⊢¦	,			! !		FY-98		
	CO				: : :		Ϋ́		
	0T VT0				; 1 1		FY-97	4 0 0 60 0	
(UED)							9 !	_ r 09 09	
(CONTINUED)							FY-96	FY-98 2 60 60	
٤							ומו	- 60 54	
							FY-95	4 4 4 5 4 4	
							4 1	6 4 4 6 4 4	
							FY-94	FΥ-97 2 54 50	
							۳ : ۳	50 25	
(P)	AMT						FY-93 	4/93 25 25	
HF AUTO COMM PROCESSOR (ACP)	FY-00 IT QTY /			4.	4.	4.	FY-92 4/92	3/93 FY-96 2 3 25	
JTO COMM PR	FY-99 QTY AMT		·	(114)	1 1 1		FY-91 	3/92 4 1 4 4	4
							FY-90 3/90	3/91 FY-95 2 2 2	FY-99 2 3 54 60 54
FACT SHEET; C-130 3353 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP	INSTALLATION OF HARDWARE FY94 104 KITS FY96 216 KITS FY97 240 KITS FY98 60 KITS		TOTAL COST (BP-1100)	MILESTONES: CONTRACT-DATE (QTR/FY):	DELIVERY-DATE (QTR/FY): INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 60 OUTPUT 60

*** UNCLASSIFIED

AIRCRAFT FY 1996 PROGRAM 9 MODIFICATION

DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLO C-130 CLASS P

UTIDS TADIL J, MN-3401 FY 1996 PRE MODIFICATION TITLE AND NO

DESCRIPTION/JUSTIFICATION: CONVERTS JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS) FROM JOINT MESSAGE STANDARD (JMS) TO TACTICAL DIGITAL INFORMATION LINK J (TADIL-J), THE NEW DOD MESSAGE STANDARD. REPLACES CLASS 1 JTIDS WITH 2H JTIDS TERMINALS. 27419F C-130 MODELS OF AIRCRAFT AFFECTED

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

AMT FY-97 QT√ AMT FY-96 ٥T AMT FY-95 ΩT AMT FY-94 QΤ AMT PRIOR QTY

AMT

FY-98 QTY A

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT EQUIP NONREC CHANGE ORDERS SIM/TRAINER SUPPORT-EQUIP DATA

INSTALLATION OF HARDWARE AIRCRAFT

TOTAL INSTALL COST

TOTAL COST (BP-1100)

FOLLOW-ON LEAD TIME METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- 12 MONTHS

-- 12 MONTHS

AMT TO COMP (CONTINUED) AMT FY-00 QT AMT FY-99 QTY A UTIDS TADIL U (CONTINUED) FACT SHEET; C-130 3401 PROJECTED FINANCIAL PLAN PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
AIRCRAFT
INSTALLATION OF HARDWARE RDT&E (3600) N/A TOTAL INSTALL COST

2.1

AMT

TOTAL QTY ~

CONTRACT-DATE (QTR/FY):
DELIVERY-DATE (QTR/FY):
INSTALLATION SCHEDULE:

FY-96 -----2/96

TOTAL COST (BP-1100)

MILESTONES:

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

DATE 02/21/95

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE MN-3455 AIRLIFT DEFENSIVE SYSTEMS, MN-3455

DESCRIPTION/JUSTIFICATION: THE C-130 USERS HAVE HAD LONGSTANDING MISSION NEED FOR ELECTRONIC WARFARE DEFENSIVE SYSTEMS WHICH WILL IMPROVE AIRCREW SURVIVABILITY. THE ELECTRONIC WARFARE DEFENSIVE SYSTEMS WILL CONSIST OF A MISSILE WARNING RECEIVER, AND A FLARE AND CHAFF DISPENSER. PMD: 9246(2). 41115F C-130, E, H MODELS OF AIRCRAFT AFFECTED FY 1996 PRE MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: ACFT BREAKGUT: 87 ACTIVE, 38 ANG.

RDT&E (3600) RDT&E (3600) 2.1 RDTSLL KITS KITS NONRECUR EQUIPMENT EQUIPM	PROJECTED FINANCIAL PLAN		ç	2	3		ų))	90	' '	20	ασ - > <u>π</u>	ασ
A8 2.5 77 1.9 RDWARE (11) 3.3 A 2.9 (11) 3.3 C 30) 2.2 (77) 3.4 ST 48 3.9 77 16.5 6.7		0TY	AMT	01.	AMT	0TY	AMT	0TY	ń i	,	AMT	0TV	AMT
RDWARE (11) RDWARE (18) 1.7 (30) 2.2 ST 48 3.9 (11) ST 48 16.3 77 16.5		! !	2.1						: I				
18) 1.7 (11) 30) 2.2 (11) 48 3.9 77 16.5	PROCUREMENT (3010) INSTALL KITS	48	2.5	77	6.								
18) 1.7 30) 2.2 (77) 48 3.9 77 16.5	KITS NONRECUR EQUIPMENT		9.5	(77)	11.7								
18) 1.7 30) 2.2 (77) 48 3.9 77 16.5	EQUIP NONREC												
18) 1.7 30) 2.2 (77) 48 3.9 77 16.5	DATA					,							
18) 1.7 30) 2.2 (77) 48 3.9 77 16.5	SIM/TRAINER					Ξ							
48 16.3 77 16.5	SUPPORT-EQUIP		4.		2.9								
48 16.3 77 16.5	INSTALLATION OF HARDWARE												
COST 48 3.9 77 16.5 P-1100) 48 16.3 77 16.5	FY92 18 KITS (18)	1.7										
COST 48 3.9 77 16.5 P-1100) 48 16.3 77 16.5	FY93 30 KITS (30)	2.5			1							
TOTAL INSTALL COST 48 3.9 77 16.5 6.7 TOTAL COST (BP-1100) 48 16.3 77 16.5 6.7					1		3.4	! ! !	 	1	 	1	1
TOTAL COST (8P-1100) 48 16.3 77 16.5 6.7	F		6. 6				3.4						
or the recutation. The tall attom DEDOT FIELD TEAM	TOTAL COST (BP-1100)	48		77	16.5		6.7						
MELITICAL DESCRIPTION: TROUBLE TOUR - OFFO - TRUE -	METHOD OF IMPLEMENTATIO	NO	NSTALLA	TION	- DEPOT	. FIELD	TEAM						

AIRLIFT DEFENSIVE SYSTEMS (CONTINUED)

FACT SHEET; C-130 3455 PROJECTED FINANCIAL PLAN

(CONTINUED)

125 125	QTY AMT QTY A RDT&E (3600)	AMT			OTY AMT	φ Τ φ	AMT 2.3
FY-92 FY-93 FY-94 FY-95 (125 (125 (125 (125 (125 (125 (125 (12	PROCUREMENT (3010) INSTALL KITS					125	4.
FY-92 FY-93 FY-94 FY-95 TY-95 TY-95 TY-94 TY-95 TY-95 TY-95 TY-94 TY-95							21.2
FY-92 FY-93 FY-94 FY-95 1/93 1/94 1/95 . FY 93 FY-93 FY-94 FY-95 1/94 1/95 . FY 93 FY-94 FY-95 4 1/95 . FY 93 FY-95 1/94 1/95 . FY 93 FY-94 1/95 . FY 94 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 3 19 19 20							
FY-92 FY-93 FY-94 FY-95 FY-95 FY-95 FY-95 FY-95 FY-94 FY-95 FY-95 FY-95 FY-94 FY-95 FY-95 FY-95 FY-94 FY-95 FY-95 FY-94 FY-95 FY-94 FY-95 FY-95 FY-94 FY-95 FY-95 FY-94 FY-95							
FY-92 FY-93 FY-94 FY-95 (27) Y): 2/92 1/93 1/94 Y): 1/93 1/94 1/95 E: FY-93 FY-94 FY-95 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 6 5 8 8 7 7 19 19 20	HARDWARE					(18)	1.7
FY-92 FY-93 FY-94 FY-95					1	(44)	3.4
FY-92 FY-93 FY-94 FY-95 Y): 2/92 1/93 1/94 Y): 1/93 1/94 1/95 E: FY-93 FY-94 FY-95 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 3 5 5 5 8 8 7 7 7 19 19 20	TOTAL INSTALL COST					125	7.3
FY-92 FY-93 FY-94 FY-95 1, 2/92 1/93 1/94 1,93 1/94 1/95 FY-93 FY-94 FY-95 FY-93 FY-94 FY-95 1 2 3 4 1 2 3 FY-95 1 2 3 4 1 2 3 FY-95	TOTAL COST (BP-1100)					125	39.5
1. 2/92 1/93 1/94 1. 1/93 1/94 1/95 1. 1/93 1/94 1/95 1. 1/93 1/94 1/95 1. 2/92 1/94 1/95 1. 2/92 1/95 1. 2/	FY-93	FY-95					
: FY-93 FY-94 FY-95 11 2 3 4 1 2 3 4 1 2 3 3 5 5 5 8 8 7 7 19 19 19	1/93						
	INSTALLATION SCHEDULE: FY-93 FY-94 QUARTERS 1 2 3 4 1 2 3 INPUT 3 5 5 8 8 7	4	4- V-	4 20 20			

DATE 02/21/95

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE 158 ABCCC MODIFICATIONS, MN-3458 FY 1996 PRE

ALLIED THEATER C3 ELEMENTS. INTEGRATION OF UTIDS CLASS 2 TERMINALS INTO THE ABCCC PROVIDES THE CAPABILITY TO RECEIVE, PROCESS AND DISPLAY INFORMATION INTERCHANGED OVER A UTIDS NETWORK. TO MEET THE UCS REQUIREMENT FOR THREE SATCOM SYSTEMS PER CAPSULE, ADDITIONAL ARC-187 RADIOS WILL BE INSTALLED IN EXISTING CAPSULES. INTEGRATION OF AN/ARC-222 RADIO WILL PROVIDE SECURE ANTI-JAM VHF FM SINCGARS-V COMMUNICATIONS WITH OTHER BATTLEFIELD ELEMENTS. PMD: 5263(6)/27419F. 27419F PE EC-130E MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: THE JIIDS FIRST ARTICLE IS INTEGRATED INTO AN OPERATIONAL SYSTEM (A/C AND CAPSULE). THIS SYSTEM IS USED AS THE DEVELOPMENT BASELINE, TESTED AND RETURNED TO THE OPERATIONAL FLEET. BUILT IN TEST TO THE SHOP REPLACEABLE UNIT UPGRADE TO THE JIIDS CLASS TERMINAL SCHEDULED FOR COMPLETION 4/94. SINCGARS FIRST ARTICLE COMPLETE 2/96.

PROJECTED FINANCIAL PLAN	LAN	a	FY-94	46	FY-95	92	FY-96	96	FY-97	97	FY-98	86
	φTγ	AMT	QΤΥ	AMT	OTY	AMT	OΤΥ	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)	 	5.6	!	!	! !	2.7] 	2.1	1 1 6 1			
PROCUREMENT (3010)	•	•	u				۲	ເກ				
INSTALL KITS	-		•	?			•	. 2				
KI S NONKECOK		. r.	(9)	4.4			(7)	3.5				
EQUIP NONREC		7				1.8		4.				
CHANGE ORDERS								(
DATA		ო.				-		m.				
SIM/TRAINER												
SUPPORT-EQUIP		7				<u>ი</u>						
INSTALLATION OF HARDWAR	ш											
FY93 1 KITS (-	₹.										
FY94 6 KITS					9	ო.			į	1		
FY96 7 KITS						1	1	1 1 1 1		* 1 ! !	 	!
TOTAL INSTALL COST	-	-	 	i i i i	9	ε.			7			
TOTAL COST (BP-1100)	-	2.0	ø	6.1		4.1	7	4.9				

FOLLOW-ON LEAD TIME -- 12 MONTHS METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM INITIAL LEAD TIME -- 12 MONTHS

ABCCC MODIFICATIONS (CONTINUED)

FACT SHEET; C-130 3458 PROJECTED FINANCIAL PLAN

AMT	4.0	+ +	7.	5.6	- e.	4.	12.9			
TOTAL QTY		4			. (2)	4	41			
TO COMP QTY AMT						1 1 1 1 1 1 1 1 1				
										4
										FY-97 2 7 7
								FY-97		4
								FY-96	3/96 2/97	FY-96 2 3
00 AMT						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		FY-95		4
AMT QTY AM						1		FY-94	2/94 2/95	FY-95 2 3 6 6
FY-99 QTY AI	1							FY-93	4/93 1/94	4
								FY-92		FY-94
	RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	CHANGE ORDERS	SIM/TRAINER SUPPORT-EQUIP	INSTALLATION OF HARDWARE FY93 1 KITS FY94 6 KITS FY96 7 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE MICROWAVE LANDING SYS (MLS), MN-3587 CLC C-130 CLASS P MODIFICATION TITLE AND NO FY 1996 PRE

MODELS OF AIRCRAFT AFFECTED C-130 E-N

PE 35114F

DESCRIPTION/JUSTIFICATION: ACQUIRES AND INSTALLS GROUP B FOR MODIFIED COMMERCIAL MICROWAVE LANDING SYSTEM (MLS) AVIONICS. PMD: 0958(1)/35114F.

DEVELOPMENT STATUS: AIRCRAFT BREAKOUT: 197 ANG; 116 RES; 237 ACTIVE. THE PRE FYB3 SCNS AIRCRAFT ALREADY HAVE GP A PROVISIONS INSTALLED. (438 GP A TO BE INSTALLED AS PART OF THE SCNS MOD.) RDT&E COMPLETE.

PROJECTED FINANCIAL	L PLAN	2	FY-94	94	<u>+</u>	FY-95	FY-96	96	FY-97	97	FY-98	98	
	OTY AMT OTY AMT OTY AMT OTY AMT OTY AMT	AMT	oT√	AMT	QTY	AMT	QΤΥ	AMT	QΤΥ	AMT	٥T٧	AMT	
	1	1	1	1 1 1	1	1 1 1 1 1	1 1 1	1 1 1 1 1	1 1 1	1 1 1 1 1	1 1 1 1	1 1 1 1 1	

RDT&E (3600) N/A

PROCUREMENT (3010)						
INSTALL KITS	115	2.4				
KITS NONRECUR	-					
EQUIPMENT		13.3				
EQUIP NONREC		<u>+</u> .5			•	
CHANGE ORDERS		4.8			4	
DATA		Ξ.			•	_
SIM/TRAINER			Ξ	o. -	•	
SUPPORT-EQUIP		8		- 9.	9	
INSTALLATION OF HARDWARE	ш					
FY90 1 KIT	-					
FY91 60 KITS ((09	2.3				
FY92 55 KITS (55)	2 4				
	1 1 1 1	1	1 1 1		1	111111 1111111 11111 11111
TOTAL INSTALL COST	116	4.7				
TOTAL COST (BP-1100)	116	27.0		2.6	3.3	•

FOLLOW-ON LEAD TIME -- 9 MONTHS METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION INITIAL LEAD TIME -- 18 MONTHS

MICROWAVE LANDING SYS (MLS) (CONTINUED)

FACT SHEET; C-130 3587 PROJECTED FINANCIAL PLAN

(CONTINUED)

	<u> </u>		4.4	ი. ი.	- 6.5	4.0	. 6 . 4		2.2 6.4	4.7	ç	8 . 3 2 . 3					
	TOTAL QTY AMT		115	-					60) 55)	116		9	FY-99				
	<u>-</u> ¦									1			FY-98				
	TO COMP QTY AM												FY-97		4		
													FY-96		FY-96 2 3		
													FY-95	1/95 4/95	1 4 1 1 10 10 10 10 10 10 10 10 10 10 10 10		
													FY-94		FY-95 2 3 25 25 25 25 3		
	AMT	-								:			FY-93		25 25 2 5 25 25 2	4	
	FY-00 QTY /												FY-92	3/93 3/94	FY-94 2 3 5 2	FY-98 2 3	
j.	FY-99 QTY AMT									1			FY-91		4 +-	4 -	
(COM THOSE)	9								i, and	i			FY-90		FY-93 2 3	FY-97 2 3	
PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010)	KITS NON ECUR	EQUIP NONREC	CHANGE DRDERS DATA	SIM/TRAINER SUPPORT-EQUIP	INSTALLATION OF HARDWARE	FY91 60 KITS FY92 55 KITS	TOTAL INSTALL COST		TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: F QUARTERS 1 INPUT 1	INSTALLATION SCHEDULE: F QUARTERS INPUT OUTPUT	
														Ţ			

FY 1996 PROGRAM MODIFICATION

> DATE 02/21/95 FY 1996 PRE

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE -67087B CLC C-130 CLASS P LIFE HISTORY RECORDER, MN-67087B

OF AIRCRAFT

C-130

IPTION/JUSTIFICATION: EXISTING LIFE HISTORY RECORDER IS UNRELIABLE. MODIFICATION
IF NEW SOLID-STATE UNIT STRAIN GAGES. EXISTING TRANSDUCERS WILL BE RELOCATED TO ENHANCE
THE PERFORMANCE OF THE LIFE HISTORY RECORDING SYSTEM. IF MODIFICATION IS NOT APPROVED,
AIRCRAFT TRACKING PROGRAM WILL USE INCORRECT LOADS FOR MISSION, ERRONEOUS INSPECTION
INTERVALS WILL BE ESTABLISHED, AND CATASTROPHIC STRUCTURAL FAILURE MAY OCCUR. RECORDERS
ARE INSTALLED ON SELECTED AIRCRAFT OF SEVEN DIFFERENT MISSION SERIES C-130S TO REPRESENT
TOTAL FLEET EXPOSURE. PMD: 5214(5)/0604201F/3264. 90 MOD INSTAL (\$0.423). 41115F ΡE MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: COMPLETE. (AIRCRAFT BREAKOUT: 18 ANG; 18 AFRES; AND 41 ACTIVE).

PROJECTED FINANCIAL PLAN	N PRIOR		FY-94		FY-95	95	FY-96	96	FY-97	97	FY-98	-98
,		AMT	QTY	<u>-</u> :	φ±	AMT	γ±0-1	AMI	-	A M 1	5	A
RDT&E (3600) N/A												
PROCUREMENT (3010)	ά.	0			16	Φ.	5	7.				
CITS NONRECUR	ř) i				•						
EQUIPMENT		6.5										
EQUIP NONREC		ເນ										
CHANGE ORDERS												
SIM/TRAINER												
SUPPORT-EQUIP		რ.										
STALLATION OF HARDWARE												
: Y90 48 KITS (;	38)	4.	1.4 (10)	4			(37)	•				
FY95 16 KITS FY96 13 KITS					! ! !	! ! !	(91)		(13)		 	1
TOTAL INSTALL COST	38	1.4		4. 01	! ! !		16	7.	13	r.		
TOTAL COST (BP-1100)	48	11.3		4.	9	œ	13	4.4		υ.		
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT	I :NC	NSTALLA	- NOIL	- DEPOT			i	3	11	·	TINOM	'n
	RITIN	INITIAL LEAD TIME 42 MONTHS	TIME -	- 42 MC	NTHS		トロート	FOLLOW-ON LEAD LIME += 15 MONINS	EAU - 1.		U MCJ	2

FACT SHEET; C-130 6708 PROJECTED FINANCIAL PLAN	67087B LIFE HISTORY AN (CONTINUED)	_	RECORDER				(CONTINUED)				
		FY-99 QTY AMT	FY-00 IT QTY AN	OO AMT			•	0T VT0	TO COMP QTY AMT	TOTAL QTY	AMT
RDT&E (3600) N/A		ı									
PROCUREMENT (3010)										7.7	4.
KITS NONRECUR EQUIPMENT											ດ ບ ເນ
EQUIP NONREC CHANGE ORDERS											
SIM/TRAINER											ů.
INSTALLATION OF HARDWARE FY90 48 KITS FY95 16 KITS										48) 16) 13)	8.t.
FY96 13 KIIS		 		!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!					 		3.0
TOTAL INSTALL CUS!										7.7	14.4
TOTAL COST (BP-1100)										:	•
MILESTONES:	FY-87	FY-89	FY-90	FY-91	FY-92	FY-94	FY-95	FY-96	FY-97		
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	3/88 1/92	2/89 4/92	2/90 4/92		3/94		1/95 1/96	1/96 1/97			
INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	FY-94 2 3 1	4 -	FY-95 2 3 9 12 9 12	4 1 15 15 15 15 15 15 15 15 15 15 15 15 1	F < - 96 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	FY-97 2 3 6 6	4			

FY 1996 PRE

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE 4-999999M MISC SIMULATOR UPDATES, MN-99999M

C-130

DESCRIPTION/JUSTIFICATION: MISC LOW COST MODS UNDER \$900K. INCLUDES SOLID STATE SYNCROPHASER, DUAL ADI POWER SOURCE, INTERPHONE IMPROVEMENTS, RAMP MOUNTING HOLD, E-SKE RECI LIGHTING AND COMMUNICATION/INTERPHONE PANEL. 41115F PE MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO

DEVELOPMENT STATUS:

AMT FY-98 νtο AMT FY-97 QΤV AMT FY-96 ٥T AMT FY-95 ٩T AMT FY-94 o Y AMT PRIOR ٥T٧ N A PROJECTED FINANCIAL PLAN

RDT&E (3600) N/A

SIM/TRAINER SUPPORT-EQUIP SIM UPDATES INSTALLATION OF HARDWARE PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIP NONREC CHANGE ORDERS EQUIPMENT DATA

TOTAL INSTALL COST

TOTAL COST (BP-1100)

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2.5

2.5

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METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

(CONTINUED)

UPDATES	
MISC SIMULATOR UPDATES	NUED)
MISC	(CONTINUED
<u>8</u>	PLAN
C-130	INANCIAL
FACT SHEET; C-130	PROJECTED FINANCIAL PLAN

8	AMT	111111
FY-	QTY AN	
66	QTY AMT	
ΕΥ-	ΩTΥ	1

AMT

TOTAL QTY

TO COMP QTY AMT

SIM/TRAINER SUPPORT-EQUIP SIM UPDATES INSTALLATION OF HARDWARE PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS

RDT&E (3600) N/A

.5

TOTAL INSTALL COST

TOTAL COST (8P-1100)

MILESTONES:

FY-97

FY-96

CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE: QUARTERS

INPUT

FY-98

FY-01

FY-99

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MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CL C-130 CLASS P COMPASS CALL, MN-COMPAS FY 1996 PRE MODIFICATION TITLE AND NO

41115F

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C-130 MODELS OF AIRCRAFT AFFECTED

NOTE: \$4.5 WITHHELD BY OSD. DESCRIPTION/JUSTIFICATION:

PROJECTED FINANCIAL PLAN

DEVELOPMENT STATUS: N/A.

AMT FY-98 OΤΥ AMT FY-97 QTY A QTY AMT FY-96 AMT FY-95 QΤΥ AMT FY-94 ٥T AMT PRIOR QTY

RDT&E (3600) N/A

PROCUREMENT (3010) INSTALL KITS KITS NONRECUR

EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA

SIM/TRAINER SUPPORT-EQUIP OTHER MODS

3.5 4.5

OSD WITHHOLD INSTALLATION OF HARDWARE

TOTAL COST (BP-1100)

TOTAL INSTALL COST

METHOD OF IMPLEMENTATION: INSTALLATION --INITIAL LEAD TIME ---

8.0

MONTHS

FOLLOW-ON LEAD TIME --

MONTHS

(CONTINUED)

FACT SHEET; C-130 COMPAS COMPASS CALL PROJECTED FINANCIAL PLAN (CONTINUED)

AMT FY-00 QTY AN AMT

TOTAL QTY

AMT

TO COMP QTY AM

FY-99 QTY A

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS

SIM/TRAINER SUPPORT-EQUIP OTHER MODS OSD WITHHOLD INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

FY-94 ----4/96 4/96

CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE: QUARTERS INPUT

3.5 . Ծ

8.0

DATE 02/21/95

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CL30 CLASS P

DESCRIPTION/JUSTIFICATION: CSAF VALIDATED C-MNS IMPLEMENTED BY SAF/AQQ 25/2282 MSG PMD. AIRCREWS FLYING MISSIONS IN SUPPORT OF PROVIDE PROMISE ARE BEING SUBJECTED TO AN INCREASING LEVEL OF FLYING MISSIONS IN SUPPORT OF PROVIDE OF MODIFIED SO NOT TO IMPACT OUR WORLDWIDE AIRLIFT MISSION PMD PE 41115F ALR-69 (RWR), MN-T8220 C-130E/H MODELS OF AIRCRAFT AFFECTED FY 1996 PRE MODIFICATION TITLE AND NO

RDT&E (3600) N/A

ELECTRONIC THR 2264(3). INSTA INTERCEPTORS, WITH AIRLIFT D	ELECTRONIC THREATS WHICH NEED 2264(3). INSTALLS ALR-69, RWR, INTERCEPTORS, AND SURFACE-AIR VITH AIRLIFT DEFENSIVE SYSTEM.	WR, ON 306 WR, ON 306 IR THREATS EM.	C-130	D SU NOI AIRCRAF PLETES C	7. PF	ACOVIDES AIR	BORNE WARNING LL AIRCRAFT AL	ELECTRONIC THREATS WHICH NEED TO BE MUDIFIED SO NOT TO IMPACT OUR WORLDWING OF ALL AAA. 2264(3). INSTALLS ALR-69, RWR, ON 306 C-130 AIRCRAFT. PROVIDES AIRBORNE WARNING OF ALL AAA. INTERCEPTORS, AND SURFACE-AIR THREATS. COMPLETES C-130 FLEET FOR ALL AIRCRAFT ALREADY EQUIPPED WITH AIRLIFT DEFENSIVE SYSTEM.	
DEVELOPMENT STATUS:	AIRCRAFT: ACTIVE 118; ANG 142: AFRES 106.	TIVE 118;	ANG 14	2: AFRES	3 106.				
PROJECTED FINANCIAL	PLAN PRIOR FY-94 QTY AMT QTY AMT	FY-94 QTY -	AMT	FY-95 QTY AMT	YMT (FY-96 QTY AMT	FY-97 QTY AMT	FY-98 QTY AMT	

. მ.ც.	5.0	<u>ග</u>	හ 8	ານ ດ		1
2	(21)			(50) (21)		
3.55 3.55	6.0	4	n.	4.4		
38	(38)			(19)		
(6			HARDWARE			
PROCUREMENT (3010) INSTALL KITS	EQUIPMENT EQUIP NONREC	CHANGE ORDERS DATA CTM/TDAINED	SUPPORT-EQUIP	FY94 39 KITS FY95 21 KITS	FYOO 118 KITS FYO1 130 KITS	FYO2 58 KITS

3 MONTHS FOLLOW-ON LEAD TIME --METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY INTER -- 2 MONTHS

12.7 -

13.9

30 19

TOTAL COST (BP-1100)

TOTAL INSTALL COST

4 2

	AMT		43.6	4 0 0 0	6.7 10.3	ب ق:	. 4 3 . 5 5 0	12.7	125.6				
	TOTAL QTY		365	-		39)	21) 118) 130) 58)	366	366			•	
	⊢ ¦		23.2	23.2	5.8	<u> </u>	3.7(4.5(10.2	68.1				
	TO COMP QTY AM		188				(118) (130) (58)	306	188				
_	* .						٠.					4 4 4	
(CONTINUED)										FY-04		FY-02 2 3 43 43 43 43	
9										FY-03	1/03	4 8 8 8 F	
				•							1/02	ລູລູອ	
										F :	\$ \$	FY-01 2 30 30	
	<u>+</u> !		15.3	15.3	c	".		!	90.9	۲-01	1/01	+ 1 5	
	FY-00							į		ĬL I	+ +	4 5 5 5 5	4
	5		118	(118)				.	118	FY-00	1/00	FY-95 2 3 11 15 11 15	FY-04 2 3
Э	FΥ-99 Υ AMT							1		92	ນລ່	-	-
9 (RW UED)	FY QTY									FY-95	1/95	4 8 8 8 1	4 8 1
20 ALR-69 (RWR) (CONTINUED)										FY-94	3/94 3/94	FY-94 2 3	FY-03 2 3 20 20 20 20
FACT SHEET; C-130 T8220 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS	KITS NONRECUR EQUIPMENT	EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER	SUPPORT-EQUIP INSTALLATION OF HARDWARE		FYOZ 58 KITS TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT

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		BUDG	BUDGET ITEM JU	JUSTIFICATION	7			DATE	
			(EXHIBIT	BIT P-40)				FEBRUARY 1995	Y 1995
APPROPRIATION/BUDGET ACTIVITY	UDGET ACT	IVITY		P-1 ITE	P-1 ITEM NOMENCLATURE: C-135	TURE: C-135			
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS	CUREMENT	AF/AIRCRAFT	MODIFICATION						
		FY1994	FY1995 FY1996	FY1996	FY1997	FY1997 FY1998 FY1999	FY1999	FY2000 FY2001	FY2001
QUANTITY									
COST (In Mil)		\$61.054	\$77.283	\$142.764	\$188.501	\$61.054 \$77.283 \$142.764 \$188.501 \$153.402 \$138.998 \$144.136 \$89.760	\$138.998	\$144.136	\$89.760

cargo and passenger airlift and to support theater commanders. The four engine KC-135 provides air refueling through either the This line item funds modifications to the C-135 and KC-135 aircraft. The C-135 is a four engine aircraft used for long range refueling boom or drogue. As a cargo aircraft, the KC-135 can carry 6 standard 463-L pallets. The overall goal of the modifications budgeted in FY96 is to enhance flight safety while improving reliability and maintainability. The specific modifications budgeted and programmed are attached.

P-1 SHOPP LIST PAGE NO.
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DATE 02/21/95

AIRCRAFT FY 1996 PROGRAM OF MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE FFM (FSAS), MN-10402B CLC C-135 CLASS P FUEL SAVINGS ADVISORY SYSTEM (FSAS), MN-10402B MODIFICATION TITLE AND NO FY 1996 PRE

HELP FLIGHT CREWS CONSERVE FUEL. TO MAKE ROOM FOR THE CONTROL/DISPLAY UNIT (CDU), A MINIA-TRIZED FLIGHT CREWS CONSERVE FUEL. TO MAKE ROOM FOR THE CONTROL/DISPLAY UNIT (CDU), A MINIA-TURIZED FUEL PANEL. INTEGRATION
INTERFACE WILL BE ACCOMPLISHED BY USE OF 1553B DATA BUS AND INTERFACE BOX/BUS CONTROLLER. THE COMPUTER IN THE FUEL SAVINGS ADVISORY SYSTEM (FSAS) ALLOWS FLIGHT CONTROL CREW TO ENTER INFO
ABOUT THE MISSION AND PROVIDES THEM WITH OPTIMUM POWER SETTINGS NEEDED TO MEET MISSION ROWTS
WHILE GETTING THE MOST EFFICIENT FUEL USE. (ACFT BREAKOUT: ANG 150; AFRES 30; ACTIVE 494). PE 41218F KC-135 MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION:

DEVELOPMENT STATUS: COMPLETE. FY92 AND 93 FUNDING COVER AN ENGINEERING CHANGE PROPOSAL (ECP) TO INCORPORATE BLOCK III SOFTWARE UPDATE TO CORRECT DEFICIENCY AND PROVIDE COMPATIBILITY FOR KC-135R AIRCRAFT. OTHERWISE, 90 MOD INSTALL ONLY THROUGH FY98. INSTALLS DIFFER TO PROCUREMENT QTY BY 14 KITS DUE TO FORCE STRUCTURE AND ATTRITS.

PROJECTED FINANCIAL PLAN

AMT QΤ AMT OΤV AMT 0T Y AMT QTY AMT PRIOR

AMT

٥T

X V RDT&E (3600)

e: 			AD
7	- 3	1 .3	FOLLOW-ON LEAD
9 (32)	35		FOLLO
6 ! . ! !	თ.	ø.	
.e (29)	58		VTHS
Φ ! . !	9.	ø.	DEPOT 30 MO
£	Ξ		DN: INSTALLATION DEPOT INITIAL LEAD TIME 30 MONTHS
0.3 0.3 0.3 0.2 0.2 0.3		97.8	VSTALLA L LEAD
714 1 1 1 1 1 1 1 1 1 1	599	715	ON: INITIAL
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP MOD OF SPARES INSTALLATION OF HARDWARE FYSO 108 KITS (TOTAL INSTALL COST	TOTAL COST (8P-1100)	METHOD OF IMPLEMENTATION: INSTALLATION DEPOT INITIAL LEAD TIME 30 MO

12 MONTHS TIME

9

(15)

15 ត

FACT SHEET; C-135 10402B FUEL SAVINGS ADVISORY SYSTEM (FSAS) PROJECTED FINANCIAL PLAN (CONTINUED)

			FY-99	99 AMT	0	βi	AMT					0T 7T0	TO COMP QTY AMT	TOTAL QTY	AMT
RDT&E (3600) N/A	-	-													
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR														714	73.9
EQUIP NONREC CHANGE ORDERS															ກ ນ 8 . ช
SIM/TRAINER SUPPORT-EQUIP MOD OF SPARES														•	4.2 2.0
INSTALLATION OF HARDWARE FYB9 593 KITS FY90 108 KITS			 	; ;	. !		;					1	1	(593)	4.1
TOTAL INSTALL COST														701	4.
TOTAL COST (BP-1100)														715	101.9
MILESTONES:	FY-89	o.	FY-90	•	FY-91	L I	FY-92	FY-93	<u>ش</u> ۱	FY-94	FY-95	FY-96	FY-97	FY-98	
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):			1 			•									
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 579 OUTPUT 529	FY-89 2 3	மும்	4 w w	- 49	FY-90 2 4 2	4 +	+	FY-91	м -	4	FY-92 2 3	4		••	**
INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	FY-93 2	ო	4	+ 00	FY-94	4 9 4	- 8 8	F≺-95 2 9	ოთთ	4 w rv					
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 7 OUTPUT 6	FY-96 2 6 7	673	4 <u>5</u> 0	- e 5	FY-97 2 4	644	4 4 4 + 4 0	FY-98 2 4 3	w 646	4 E L					

* * *** UNCLASSIFIED

MODIFICATION DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE STANDARD FLIGHT DATA RECORDER, MN-17403B CLC C-135 CLASS P FY 1996 PROGRAM

OF AIRCRAFT

(AIRCRAFT DESCRIPTION/JUSTIFICATION: THIS MODIFICATION WILL PROVIDE A STANDARD FLIGHT DATA RECORDER (SFDR)
BASED ON TRI-SERVICE SPECIFICATION (ARMY-NAVY-AIR FORCE AIRCRAFT). IT IS A DATA COLLECTION
SYSTEM DESIGNED TO PROVIDE AIRCRAFT STRUCTURAL ANALYSIS AND OTHER PERTINENT DATA. IT WILL
REPLACE THE EXISTING MXU-553 AIRCRAFT STRUCTURAL INTEGRITY PROGRAM (ASIP) RECORDER. (AIRCRA
BREAKOUT: 9 ANG; 3 AFRES; 50 ACTIVE). PE 41218F KC-135 MODELS OF AIRCRAFT AFFECTED FY 1996 PRE MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: DEVELOPMENT COMPLETE.

		אסנאל	FY-94	FY-95		. ¥		-		}	
,	QTV	AMT	QTY AMT	QTY	AMT	QTY AN	= !	0TY AN	AMT	0TV	AMT
 RDT&E (3600) N/A	1 ! !	 	1 1 1 1 1 1 1 1 1 1								
PROCUREMENT (3010)	(•		U	4	4	-	5	o,	თ	7
INSTALL KITS	n			D	ŗ	1			?)	
KILS NOWRECOR EQUIPMENT		. e.		(9)	7.	(14)	1.6	(12)	4.4	(6)	1.0
EQUIP NONREC		ហ									
CHANGE ORDERS		(•						
		2.2			•						
TRAINER	•	I			•		r		•		
SUPPORT-EQUIP		ຕ່.			7.		7.		•		
ING		4.									
LATION OF HARDWARE											
3 KITS ((2	Ξ.				3	C				
6 KITS						9	Y.		U		
14 KITS								(14)	0.	(0,	Ц
12 KITS										(71)	
9 KITS											
9 KITS											
FYOO 4 KITS				1	1 1 1 1	1	1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	. !	1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
TOTAL INSTALL COST	0	-			- !	9	ci	<u>+</u>	٠. ت	12	rů
TOTAL COST (BP-1100)	ო	5.7		g	4.	4	3.0	12	2.9	თ	2.2
METHOD OF IMPLEMENTATION	NI INI	ON: INSTALLATION INITIAL LEAD TIME	1 1	DEPOT 15 MONTHS		FOLL	FOLLOW-ON LEAD TIME 12 MONTHS	EAD TI!	Æ 4:	2 MONTH	<u>s</u>

FLIGHT DATA RECORDER (CONTINUED)	99 FY-OO TOTAL AMT QTY AMT QTY AMT OTY AMT		.7 4 .3	1.1 (4) .5 5.5	2.6	0.1	((3) () () () () () () () ()	4 (2) (6) (6) (7) (9)	4 9 .4	2.2 4 1.5 57 19.1	L.	2/95 1/96 1/97 1/98 1/99 2/96 1/97 1/98 1/99 1/00	FY-95 FY-96 FY-97 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 2 2 1 8 4 1 1 2 2 2 8	FY-99 FY-00 4 1 2 3 4 2 2 7 2 4 3 4 1 1 2 2 7 1 4 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
STANDARD (CONTINUED)	FY-99 QTY		о	(6)				6)	1 60	o	٠.	4/93 1/95	-94 3 4	-98 3 4 2 4	FY=01 2 3 4 3
FACT SHEET; C-135 17403B PROJECTED FINANCIAL PLAN (RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS	KITS NONRECUR EQUIPMENT	CHANGE ORDERS	SIM/TRAINER SUPPORT-EQUIP	INSTALLATION OF HARDWARE FY93 3 KITS FY95 6 KITS FY95 4 KITS	FY97 12 KITS FY98 9 KITS FY99 9 KITS FY00 4 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES: FY	CONTRACT-DATE (QTR/FY): 4/ DELIVERY-DATE (QTR/FY): 1/	INSTALLATION SCHEDULE: FY-94 QUARTERS 1 2 INPUT QUTPUT	INSTALLATION SCHEDULE: FY-98 QUARTERS 1 2 INPUT 3 2 OUTPUT 4 1	INSTALLATION SCHEDULE: FY- QUARTERS 1 2 INPUT 1 3

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APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLO C-135 CLASS P OF AIRCRAFT MODIFICATION OF AIR FY 1996 PROGRAM C-135 REENGINE, MN-3009E MODIFICATION TITLE AND NO DATE 02/21/95 FY 1996 PRE

DESCRIPTION/JUSTIFICATION: MODIFIES KC-135E ACFT WITH MORE POWERFUL, FUEL EFFECIENT F108 (CFM-56)
ENGINES, ALLOWING TAKEOFF ON SHORTER RUNWAYS WITH HIGHER GROSS WEIGHTS. THE CLEANER, QUIETER
F108 ENGINES MEET OR EXCEED ALL NOISE AND POLLUTION STANDARDS. OVER 25 OTHER SYSTEMS/SUBSYSTEMS, INCLUDING THE LANDING GEAR, WILL EXTEND THE LIFE OF THESE AIRCRAFT INTO THE 21ST
CENTURY. AIRCRAFT BREAKOUT: ARC 16. PE 41218F KC-135 MODELS OF AIRCRAFT AFFECTED

DEVELOPMENT STATUS: DEVELOPMENT COMPLETE

PROJECTED FINANCIAL PLAN	Z	;	ì	į	ì	ti C	u	ý))	E < - 0.7	80-77	ασ	
	PRIUR QTY A	AMT	QTY - 94	AMT	017 A	AMT		QTY AMT	QTY	DTY AMT	OTY.	AMT	
RDT&E (3600) N/A	1 1	! ! !	 	 	! ! !	1 1 1 1 1 1	 	 		 	 		
PROCUREMENT (3010) INSTALL KITS	<u>t</u>	15 111.1	-	89 .3								** *	
KITS NONRECUR													
EQUIPMENTE		2.0											
CHANGE ORDERS DATA		4.8		2.8									
SIM/TRAINER	** **	•											
SUPPORT	\ .	191.2		(4) 12.9									
MANGMT SUPPT	•	3.1											
INSTALLATION OF HARDWARE	•												
FY93 15 KITS (12)	16.4							3	(1) 1.5			
1104 - 451	1	1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1	1	1 1 1	1	1	1	1 1 1 1 1	
	1	1							•	,			

FOLLOW-ON LEAD TIME -- 24 MONTHS

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY INITIAL LEAD TIME -- 24 MONTHS

24.0

331.7

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TOTAL COST (BP-1100) TOTAL INSTALL COST

ا.

FACT SHEET; C-135 3009E PROJECTED FINANCIAL PLAN	٤	C-135 REENGINE CONTINUED)	111			(CONTINUED)			
		FY-99 QTY /	FY-OO AMT QTY AN	-00 AMT			TO COMP QTY AMT	TOTAL	AMT
RDT&E (3600) N/A									
PROCUREMENT (3010)								9	119.4
KITS NONKECUK EQUIPMENT FOLITP NONREC									2.0
CHANGE ORDERS	٠								7.6
SIM/TRAINER SUPPORT-EQUIP ENGINES									3.1
INSTALLATION OF HARDWARE FY93 15 KITS FY94 1 KIT		 	1 1 1 1 1				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(; (5) (1)	1.5
TOTAL INSTALL COST								9	17.9
TOTAL COST (BP-1100)								1	357.2
MILESTONES:	FY-93	FY-94	FY - 95	FY-96	FY-97				
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	4/93	4/94 4/96							
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 3 OUTPUT 1	F≺-96 3333	4 60 60 60 60	FY-97 2 3 3	4					· .

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DATE 02/21/95

OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

HIGHLY ACCURATE, INTEGRATED NAVIGATION CAPABILITY USING MODULAR, JAM-RESISTANT NONDEVELOPMENTAL GPS RECEIVER EQUIPMENT AND COMMERCIAL/NDI DUAL MISSION MANAGEMENT SYSTEMS TO IMPROVE MISSION EFFECTIVENESS. THIS MOD IS A COMPANION MOD WITH THE RADAR REPLACEMENT (MN: KC 4292) AND COMPASS REPLACEMENT (MN: KC4289) MODS AND IS SCHEDULED FOR CONCURRENT INTEGRATION AND INSTALLATION TO SATISFY THE REQUIREMENT TO MAINTAIN MISSION CAPABILITY DUE TO NAVIGATOR CREW REDUCTION. APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-135 CLASS P 41218F PE NAVSTAR GPS, MN-3150 C/KC-135 MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO. FY 1996 PRE

NO RDT&E REQUIRED DEVELOPMENT STATUS:

TRUCION TAINMINE THE	T'LAN		i	,	į	ļ	i	6	ì		ì	9
	PRIOR QTY	JR AMT	FY-94 QTY	94 AMT	67-95 QTY /	AMT	017 Y 196	AMT	0TY - 97	AMT	QTY	AMT
RDT&E (3600) N/A												
PROCUREMENT (3010)									,	c	+ C	,
INSTALL KITS					u	ď			2	9.0		7
KI I S NONKECOK EQUIPMENT					•	;			(160)	30.1	30.1 (135)	25.4
EQUIP NONREC					(9)	11.7						
CHANGE ORDERS	٠											
DATA						3.5		2.5		- .		ı.
SIM/TRAINER										4.3		
SUPPORT-EQUIP												
IV&V						4.6						
NSTALLATION OF HARDWARE												
FY95 6 KITS									9)	ღ.	٠	
FY97 160 KITS											(160)	დ დ
FY98 135 KITS												
FY99 111 KITS							•					
FYOO 93 KITS												
FYO2 97 KITS								1	1	1	1	1
TOTAL INSTALL COST	 	; ; ; !	! ! !	 	! ! !	 - - - -	 		9	E.	160	6.8
TOTAL COST (BP-1100)					ø	22.8		2.2	160	39.0	135	37.5
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT INITIAL LEAD TIME 12 MONTHS	ON: I	NSTALL/ L LEAD	TION	DEPOT	NTHS		FOLL	FOLLOW-ON LEAD TIME 12 MONTHS	EAD TIN	= ±	2 MONTH	v

FACT SHEET; C-135 3150 PROJECTED FINANCIAL PLAN	9	NAVSTAR GPS ONTINUED)							(CONTINUED)	(UED)	1		i i	;	
		FY-99 QTY	99 AMT	Fγ-00 QTγ A	OO AMT						01 VTQ	TO COMP 3TY AMT	T0TAL QTY 		AMT
RDT&E (3600) N/A															
PROCUREMENT (3010)		=======================================	2.3	69	2.0						6.7	2.1	1 596 6		12.3 3.3
KITS NONRECUR EQUIPMENT EQUIP NONREC		(111)	20.8	(63)	17.6			, 4 +				6	ო .		112.2
CHANGE ORDERS DATA												2.4	4		0 4 4.6
SIM/TRAINER Support-Equip IV&V															4.6
i -													160	6 ,0	. დ ი ი
		(132)	7.6	=	4									: <u>:</u> :	7.6 6.4
FY99 111 KITS FY00 93 KITS EVO2 97 KITS												່ນ່ວ	9(æ C	ກ ທ ທີ່ ທີ່
; =		135	7.6	6 111	6.4						190	=	1 4 1	602	34.6
TOTAL COST (BP-1100)		=======================================	30.7	69	26.0	•					97	34	.2 6(602 1	192.4
MILESTONES:	FY-95	FY-96		FY-97	FY-98	88	FY-99	FY-00	FY-01	<u></u>	FY-02	FY-03	.		
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	1/96			1/97	1/98	!	1/99	1/00/			1/02				
INSTALLATION SCHEDULE: F QUARTERS INPUT OUTPUT	FY-96 2 3	4	- o o	FY-97 2 3	4	+ 40	FY-98 2 3 40 40 40 40	4 1 40 33 40 33	FY-99 2 33 33	8 8 8 8	36 36			• .	
INSTALLATION SCHEDULE: F QUARTERS 1 INPUT 28	FY-00 2 3 28 28 28 28	4 7 7 2	FY 1 2 23 23 23 23 23 23	FY-01 2 3 23 23 23 23	2 4 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	-	FY-02 2 3	4	•						
INSTALLATION SCHEDULE: F QUARTERS 1 INPUT 25 3	FY-03 2 3 24 24 24 24	2 4 4 2 4 4													

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FY 1996 PROGRAM MODIFICATION DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLOSS P

OF AIRCRAFT

PACER LINK PH II, MN-3156 MODIFICATION TITLE AND NO FY 1996 PRE

IPTION/JUSTIFICATION: REPLACES COMPONENTS (UHF RADIOS, MULTIPLEXER, SWITCHBOARD, INTERPHONE)
WITH ELECTROMAGNETIC PULSE (EMP) HARDENED COMPONENTS. TO ACCOMMODATE SUPPORTABILITY PROBLEMS
WITH THE ARC-89 RADIO, AN EARLY SWAPOUT ON EC-135L AIRCRAFT WAS ACCOMPLISHED. REDUCES CINC'S
ABNCE AND SAC'S RELAY AIRCRAFT CONFIGURATIONS FROM 7 TO 2. MODIFICATION COST VARIES BY
AIRCRAFT MODEL AND MISSION. INSTALLS AND KIT OTY DIFFER BY 13 KITS DUE TO FORCE STRUCTURE PE 11312F EC-135 MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: CHANGES.

DEVELOPMENT STATUS: COMPLETE

AMT FY-98 OΤ AMT FY-97 Q٢٧ AMT FY-96 ٩T AMT FY-95 ٥T AMT FY-94 0T∨ 73.0 47.8 36.4 16.4 5.6 AMT PRIOR 32 QTY PROJECTED FINANCIAL PLAN ۸ ۲ PROCUREMENT (3010) INSTALL KITS RDT&E (3600) SIM/TRAINER SUPPORT-EQUIP KITS NONRECUR CHANGE ORDERS EQUIP NONREC EQUIPMENT DATA

TOTAL INSTALL COST

INSTALLATION OF HARDWARE

247.1 39 TOTAL COST (BP-1100)

FOLLOW-ON LEAD TIME -- 18 MONTHS METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY INTER -- 18 MONTHS

1.6

PACER LINK PH II (CONTINUED)

FACT SHEET; C-135 3156 PROJECTED FINANCIAL PLAN

AL AMT	30 7 7 7 3 4 4 7 3 4 6 7 3 6 8 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	39 248.7		
TOTAL QTY 	32.	1		
TO COMP QTY AMT		 		
		•		4 0
				FY-92 2 3 1 1 1
			FY-94	4 0 T
			FY-93	FY-91
OO AMT			FY-92	400
FY-00 AMT QTY A			F <- 91	FY-90 2 2 2 2 2
FY-99 QTY AN			FY-90	4
			FY-89 1/89 3/90	FY-89
RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP ICS	INSTALLATION OF HAKDWAKE TOTAL INSTALL COST TOTAL COST (BP-1100)	MILESTONES: CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 8 OUTPUT 6

DATE 02/21/95

ICATION OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

DESCRIPTION/JUSTIFICATION: INCORPORATION OF AN AUTOMATIC COMMUNICATIONS PROCESSOR (ACP) IN C/KC-135 AIRCRAFT. THIS PROVIDES COMMAND AND CONTROL COMPATABILITY WITH AMC AND SIGNIFICANTLY ENHANCES HF CAPABILITIES. APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE HF AUTO COMM PROCESSOR (ACP), MN-3353 CLASS P PE 41218F MODELS OF AIRCRAFT AFFECTED KC-135 FY 1996 PRE MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: GROUP B IS COMMERCIAL OFF-THE-SHELF (COTS) NON-DEVELOPMENT ITEM. GROUP A INTE-GRATION DESIGN COMPLETION PROJECTED FOR 3/95. KITPROOFS AND TRIAL INSTALLS ON 3 MDS PROJECTED 4/95.

PROJECTED FINANCIAL PLAN PRIOR QTY AMT QT	FY-94 QTY AMT	FY-95 QTY A	₩.		36 AMT	FY-97 QTY AMT	AMT	FY-98 QTY	98 AMT
RDT&E (3600) N/A	!	 	 	! ! !	 				
PROCUREMENT (3010)	•	8	∞.	160	1.6	1.6 196	2.0	50	8
KITS NONRECUR EQUIPMENT		(84)	. 4 r. 0	.5 4.0 (160)	7.5	7.5 (196)	9.5	9.2 (20)	თ _.
EQUIP NONREC CHANGE ORDERS DATA			0.		1.2		. .		
	1		- !	 	-	1	; ; ; ;	! ! !	; ! ! !
TOTAL INSTALL COST									
TOTAL COST (BP-1100)		84	6.4	160	84 6.4 160 10.4	196	12.5	50	-
METHOD OF IMPLEMENTATION: INSTALLATION ORG/INTERMEDIATE INITIAL LEAD TIME 6 MONTHS	ON ORG/	INTERMEI	JIATE	FOLLO	W-ON L	EAD TIM	E + +	FOLLOW-ON LEAD TIME 12 MONTHS	

FACT SHEET; C-135 3353 PROJECTED FINANCIAL PLAN	HF AUTO C	COMM PRO	HF AUTO COMM PROCESSOR (ACP)	(A)			(CONTINUED)				
. 4	Q	FY-99 Y AMT	FY-00 QTY AN	O AMT				TO COMP QTY AMT	. !	TOTAL QTY	AMT
RDT&E (3600) N/A		 	i								
PROCUREMENT (3010) INSTALL KITS		25	35	4.				30	<u>ن</u>	550	ი . ი . ი
KITS NONRECUR EQUIPMENT	(2	(25) 1.	.2 (35)	9.1					4.		25.8
CHANGE ORDERS											3.5
SIM/TRAINER SUPPORT-EQUIP											4.
INSTALLATION OF HARDWARE	1	1	!	!				1 1 1 1	; ;		!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
TOTAL INSTALL COST									,		;
TOTAL COST (BP-1100)		25 1.	.5 35	2.0				30	1.7	550	35.6
MILESTONES:		FY-96	FY-97	FY-98	FY - 99	FY-00	FY-01				
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	2/95 1/ 4/95 1/	1/96 1/97	1/97 1/98	1/98	1/99	1/00	1/01				

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE GROUND COLLISION AVOIDANCE SYSTEM, MN-3368 CLC C-135 CLASS P FY 1996 PRE MODIFICATION TITLE AND NO

PE 41218F

MODELS OF AIRCRAFT AFFECTED C/KC-135

DESCRIPTION/JUSTIFICATION: INSTALL SYSTEM THAT ALERTS AIRCREW TO FLIGHT PROFILES THAT PROJECT AN IMPACT WITH THE GROUND. (ACFT BREAKOUT: ANG 200; AFRES 100; ACTIVE 303).

PRIORE (3600) N/A	DEVELOPMENT STATUS: ALTERNATIVES; PROJECTED FINANCIAL P	DEVELOPMENT COMPLETE. USAF DIRECTED CONTRACT AWARD PROJECTED FOR APR 95. PLAN	IENT CO	MPLETE PROJE	. USAF CTED FO	DIREC	CTED RES	STRUCTUI	RESTRUCTURE TO ALLOW NDI	TLOW N	01 OR M	OR MODIFIED OTS	0.015
N/A 105 .6 3 1.0 4.2 4.2 2.1 2.1 2.1 2.1 2.2 (20) 1.4 4.2 (108) 1.0 1.0 1.1 2.1 2.1 2.1 2.1 2.1		PRIO QTY	AMT	917 - 117	AMT	017 017	-95 AMT	λ±0 1.10	AMT	οτγ 	AMT	0TY	AMT
105 .6 .6 .6 .7 .3 108 .8 108 .8 108 .4 .2 .2 .2 .2 .2 .2 .2	600) N/A												
ARE 108) 1.1 (57) 3.0 (108) 5.8 (108) 4.2 ARE (108) 1.1 (57) 1.2 (20) 1.4 (108)	(3010)	105	ø _.					57	ю	108	α.	108	თ.
ARE (108) 1.1 (57) 5.0 (105) 5.0 (105) 5.0 (105) 5.0 (105) 5.0 (106) 5.0 (108) 5.0 (10	cur	က	0.					(64)		(807)	α u		מ
ARE (108) 1.1 (57) 1.5 (108) 1.08 13.2 (20) 1.4 (108) 1.1 (57) 1.5 (108) 1.1 (57) 1.5 (108) 1.1 (57) 1.5 (108) 1.1 (57) 1.5 (108) 1.1 (57) 1.5 (108) 1.1 (57) 1.5 (108) 1.1 (57) 1.5 (108)			4.2					(10)	9))
ARE (108) 1.1 (57) 1.5 (108) 1.1 (57) 1.5 (108) 1.1 (57) 1.5 (108) 1.1 (57) 1.5 (108) 1.1 (57) 1.5 (108) 1.1 (57) 1.5 (108) 1.1 (57) 1.5 (108)	EC D		4.2						1.2		,		
ARE (50) 1.4 (57) 1.5 (108) 1.1 (57) 1.5 (108) 1.2 (108) 1.3 (108) 1.4 (57) 1.5 (108) 1.5 (108) 1.6 (108) 1.7 (108) 1.8 (108) 1.9 (108) 1.1 (108) 1.1 (108) 1.1 (108) 1.1 (108) 1.1 (108) 1.2 (108) 1.3 (108) 1.4 (108) 1.5 (108) 1.6 (108) 1.7 (108) 1.8 (108) 1.9 (108)		2.1						2.5	(00)	4.		7.
ARE (108) 1.1 (57) 1.5 (108) 108 13.2	œ									(20)	-		
(108) 1.1 (57) 1.5 (108)	UIP OR HARDWAY	u											
COST 108 13.2 EMENTATION: INSTALLATION DEPOT/FIELD TEAM FOLLOW-ON LEAD TIME 8 MONTHS	ITS ITS		-										
COST 108 13.2 57 108 9.9 108 EMENTATION: INSTALLATION DEPOT/FIELD TEAM FOLLOW-ON LEAD TIME 8 MONTHS	LS	,								(21)		(404)	1 7
COST 108 13.2 EMENTATION: INSTALLATION DEPOT/FIELD TEAM FOLLOW-ON LEAD TIME 8 MONTHS	ITS											901	:
57 1.5 108 57 6.7 108 9.9 108 DEPOT/FIELD TEAM FOLLOW-ON LEAD TIME 8 MONTHS	ITS												
57 1.5 108 57 6.7 108 9.9 108 DEPOT/FIELD TEAM FOLLOW-ON LEAD TIME 8 MONTHS	ITS			•									
57 1.5 108 57 6.7 108 9.9 108 DEPOT/FIELD TEAM FOLLOW-ON LEAD TIME 8 MONTHS	 												
57 1.5 108 57 6.7 108 9.9 108 DEPOT/FIELD TEAM FOLLOW-ON LEAD TIME 8 MONTHS						1		. ! ! !	 	 	1 	i ! !	1 1 1 1
57 6.7 108 9.9 108 DEPOT/FIELD TEAM 8 MONTHS FOLLOW-ON LEAD TIME 8 MONTHS	ALL COST	108	1	[]]						57	. 5 . 5		1.7
DEPOT/FIELD TEAM 8 MONTHS FOLLOW-ON LEAD TIME 8	(BP-1100)	108	13.2					57	6.7		ი ი		9.6
	IMPLEMENTA	TION: I	NSTALL	ATION TIME		T/FIE	LD TEAM	FOLL	NO-MC	EAD TI	4E 8		Ş.

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	AMT		4.6	32.0 4.2	- 6 - 2 6 4	-	1.5	1.7	4 rv. ro	6.9	60.3							
	TOTAL QTY		93			108)	57) 108)	108) 108)	35) 35) 44)	603	603		FY-02	2/02				
	<u> </u>		7.	5.5	₹.	_	ب ت	- -	4. 9. 9. 9.	1.5	7.5		FY-01	2/01 4/01				
	TD CON		79						35) 35) 44)	114	79			0.4				
	Ø !									ı			FY-00	2/00	27 27			
(CONTINUED)													FY-99	2/99 4/99	98 3 27 27			
(cont													ΞÌ	4/4	FY-98 2 27			
													FY-98	88	1 27 27			
													¥ i	2/98 4/98	27 27 27	4 60 60	4	
													FY-97	2/97	FY-97 2 3 27 27 27 27	FY-01 2 0 0 9 9 9	FY-04 2 3	
TEM .											_		9 !	10.10	1 27 27	1 9 27	f Į	
E SYS	O AMT		4.	2.2	•			4.	-	1.8	4	•	FY-96	2/96 4/96	27 7 2	4 27 27	4 = =	
IDANC	FY-00 QTY		35	32)				(408)	<u>}</u>	108	u C	3	ا ر <u>ا</u> ا را		6 3 27	0 3 27 27	° 6 ± ±	
ON AVOIDANCE SYSTEM	AMT		σ.	5.8	ø.			1.7	•	1.7))	FY-95		FY-96	FY-00 2 27 27	FY-03 2 11	
GROUND COLLISI ONTINUED)	36-7		œ.	_				=		108		Q	FY-93	22.2	- е	1 27 27	- + 8	
VD CO	01 F		108	(108)				(108)		101	′ ;	2	Ŧ	2/95 4/95	4 0	4 27 27	4 60 0	I
ی ع													FY-92	 	FY-95 2 3	FY-99 2 3 27 27 27 27	FY-02 2 3 9 9	
FACT SHEET; C-135 3368 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS	KITS NONRECUR EQUIPMENT	EQUIP NONREC CHANGE ORDERS DATA	\vdash 0 \dashv			FY99 108 KITS FY00 35 KITS FY01 35 KITS	‡ F		TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 27 OUTPUT 27	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 8	

		,								
PFORCE	CLASS P				98 AMT		8. 7. 8		27.8	ភ
ENT	CLC C-135 (35154F	RC-135	QUEST.	FY-98 QTY A		_		-	12 MONTH
Madiood	APPROPRIATION: AIRCRAFT FROCUREMENT: AIR FORCE CLASS P	PE 3	NO SNOI	UPON RE	FY-97 FY AMT		£ .		31.1	FOLLOW-ON LEAD TIME 12 MONTHS
	CKAT		1FICAT	ROVIDED	6		4.		33.4	LEAD T
	NO.		TED MOD	IN BE PF	FY-96 .Y AMT		8. 4.		33	rrow-on
AIRCRAFT SRAM	ROPRIALI		CLASSIF	FATUS CA	AMT QTY		•			
OF AIRC PROGRAM	APP		VARIOUS	DEVELOPMENT STATUS CAN BE PROVIDED UPON REQUEST.	FY-95 QTY A					ORG/INTERMEDIATE 12 MONTHS
(0	1-4263		PROCURES AND INSTALLS VARIOUS CLASSIFIED MODIFICATIONS ON RC-135		AMT		8	i 	33.8	
MODIFICATION FY 199	RIVET JOINT, MN-4263	ĽΩ	S AND IN	SSIFIED IN NATURE.	FY-94 0TY			 		ATION TIME
	RIVET J	RC-135	PROCURE	IED IN	PRIOR Y AMT			! ! !		N: INSTALLATION NITIAL LEAD TIME
	ON O	FFECTED	AT10N:	CLASSIF	'		a H	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!		TION: INITI
	TITLE AN	CRAFT A	USTIFIC/ T.	TATUS:	ANCIAL	A/N	HARDWA	COST	3P-1100)	PLEMENTA
DATE 02/21/95	FY 1996 PRE MODIFICATION TITLE AND NO	MODELS OF AIRCRAFT AFFECTED	DESCRIPTION/JUSTIFICATION: AIRCRAFT.	DEVELOPMENT STATUS: CLA	PROJECTED FINANCIAL PLAN Q	RDT&E (3600) N/A	OCUREMENT (30 INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SUMPORT-EQUIP	TOTAL INSTALL COST	TOTAL COST (BP-1100)	METHOD OF IMPLEMENTATION: INSTALLATION INITIAL LEAD TIME
DATE O:	FY 199	MODELS	DESCRI	DEVELO	PROJEC	RDT&	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE	TOTAL	TOTAL	METHOI

-	AMT		203.2		1 1 1 1	203.2			
	TOTAL OTY				 				
	TO COMP QTY AMT		26.5		! ! ! ! !	26.5			
	10				!		FY-01		
(CONTINUED)							FY-00		
							FY-99		
							FY-98	 	
	-00 AMT		25.7		i i i i	25.7	FY-97	i i i	
	FY-00 AMT QTY AM		24.9		1	24.9	FY-96	! ! !	
RIVET JOINT (CONTINUED)	FY-99 QTY A		Ñ			ă	FY-95	t 	
<u>ရ</u>							FY-94	!	
FACT SHEET; C-135 4263 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC	DATA SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE:

QUARTERS INPUT OUTPUT

* * *** UNCLASSIFIED

DATE 02/21/95

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE HIGH RELIABILITY MAINT FREE BATTERY, MN-KC4218 CLC C-135 CLASS P FY 1996 PRE MODIFICATION TITLE AND NO

MODELS OF AIRCRAFT AFFECTED

DESCRIPTION/JUSTIFICATION: THE HIGH RELIABILITY MAINTENANCE FREE BATTERY PROGRAM REDUCES MAINTENANCE AND INCREASES RELIABILITY BY INSTALLING TWO SEALED LEAD ACID BATTERIES (SLAB) IN THE PLACE OF THE FOUR EXISTING VENTED NICAD BATTERIES. (ACFT: 30 AFRES, 150 ANG, 420 ACTIVE). PE 41218F KC-135

DEVELOPMENT STATUS: DEVELOPMENT COMPLETE.

:											
LAN	9	FY-94	-94	FY-95	95	FY-96	96	FY-97	97	FY-98	86
OT V	AMT	οTΥ	OTY AMT OTY AMT OTY AMT OTY AMT OTY AMT OTY AMT	OΤΥ	AMT	QΤγ	AMT	QΤγ	AMT	QΤΥ	AMT
- 1 - 1	 	, ,			1 1 1 1	1	1 1 1 1	1 1	1 1 1 1	 	1 1 1 1

	<u>کا ا</u>	017 AM: C-7 AM	-	- E	-	1 - E Y	-	- L	- !	1 1 1		-!
RDT&E (3600) N/A												
PROCUREMENT (3010)					00	7.	.7 141		.4 141		. 4 141	
KITS NONRECUR					5		.1 (141)		7 (141)		.7 (141)	
EQUIPMENI EQUIP NONREC					(5)	:						
CHANGE ORDERS						c		Si 4				
DATA SIM/TRAINER						i ii		•				
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE	꾶						100	L				
FY95 105 KITS							(105)	C.		٥		

4

œ.	1 00 1 ·	1 .9
	141	141
	1 60	105 2.1 141 2.2 141 1.9 141 1.9
(141)		141
	.5 141	2.2
	105	141
	 	2.1
	105	105
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
,		
	!	
	i ! !	
FY96 141 KITS FY97 141 KITS FY98 141 KITS FY99 72 KITS	COST	TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT INITIAL LEAD TIME -- 9 MONTHS

MONTHS FOLLOW-ON LEAD TIME -- 9

BATTERY
FREE
MAINT
5 KC4218 HIGH RELIABILITY MAINT FREE BATTERY AL PLAN (CONTINUED)
HIG
KC4218 PLAN (
C-135 INANCIAL
FACT SHEET; C-135 KC4 PROJECTED FINANCIAL PLAN

TO COMP TOTAL QTY AMT		595 2.0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	600 10.0	FY-00	Fγ-99 1 2 3 4 36 35 35 35 36 35 35
				FY-99 F) 2/99 1/00	FY-98 2 3 4 35 35 35 36 35 35
FY-00 QTY AMT		. 2 (72) 6 6	80 .	FY-97 FY-98 2/97 2/98 1/98 1/99	FY-97 4 1 2 35 35 36 35 35 35 35 35
FY-99 OTY AMT		(72) . 2 (72) . 2 (141) . 8	72 1.1	FY-96 2/96 1/97	4 8 8 4 - 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
		w		FY-9 2/95 1/96	E: FY - 96 5 30 35 5 30 35 6 1 2 30 1 2 3 36 36 36 36 36
	RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY95 105 KITS FY96 141 KITS FY98 141 KITS FY99 72 KITS TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES: CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 5 OUTPUT INSTALLATION SCHEDULE: QUARTERS 135

* * *** UNCLASSIFIED

ICATION OF AIRCRAFT FY 1996 PROGRAM MODIFICATION DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE MULTIPOINT REFUELING, MN-KC4231 CLASS P FY 1996 PRE MODIFICATION TITLE AND NO

MODELS OF AIRCRAFT AFFECTED

DESCRIPTION/JUSTIFICATION: INSTALL DROGUE/HOSE REELS ON AIRCRAFT TO PROVIDE MULTIPOINT REFUELING CAPABILITY TO SUPPORT US NAVY PROBE EQUIPED AIRCRAFT. THIS IS A COMPANION MOD TO THE AERIAL REFUELING RECEPTACLES PROGRAM. THESE PROGRAMS HAVE FY95 CONGRESSIONAL DIRECTION FOR THE AIR FORCE TO EXECUTE BOTH PROGRAMS WITHOUT DELAY. PE 41218F KC-135R

CONTRACT AWARD SCHEDIII ED FOR SEP 96

DEVELOPMENT STATUS:	R&D SCHEDULED FOR COMPLETION AUG 96.	FOR COMPLETIO	N AUG		NTRACT	CONTRACT AWARD SCHEDULED FOR SEP 38:	SCHEDU	בט יטאַ	736	
PROJECTED FINANCIAL	PLAN PRIOR QTY AMT	FY-94 QTY AMT	FY-95 QTY AN	느	FY-96 QTY AN	=	FY-97 QTY AN	Ę ¦	FY-98 QTY AN	38 AMT
RDT&E (3600)	!	5.6	 	15.1		12.8	l l			
PROCUREMENT (3010)					-	2.0	4	6.7	4	7.0
KITS NONRECUR					Ξ	2.0	(4)	7.0	(4)	7.1
EQUIP NONREC						1.3		4.		1.6
CHANGE ORDERS						- .		. .		
SIM/TRAINER						ص ص		- .		, t.
SUPPORT-EQUIP						8	٠	4.9		-
MUD OF SPARES NSTALLATION OF HARDW!	ARE								3	•
FY96 1 KIT									3	-
FY97 4 KITS										
FY99 4 KITS										
FYOO 10 KITS									. !	
TOTAL INSTALL COST		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	f ! !	 	1 1 1 1	i - - - 	! ! ! !		-	
TOTAL COST (BP-1100)	•				-	11.2	4	21.6	4	20.4
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT INITIAL LEAD TIME 18 MO	ATION: INSTALL INITIAL LEAD	ATION DEPOT TIME 18 MONTHS	T IONTHS		FOLL	FOLLOW-ON LEAD TIME 18 MONTHS	EAD TIN	Ē 1	B MONTE	<u>s</u>

EFUELING	
231 MULTIPOINT REFUELIN (CONTINUED)	
KC4231 PLAN	
C-135 INANCIAL	
FACT SHEET; C-135 PROJECTED FINANCIAL	

		FY-99 QTY	99 AMT	FY-00 QTY AI	O AMT				T0 \\	TO COMP QTY AMT (TOTAL QTY	AMT
RDT&E (3600)		! !	 		!				! ! ! !	† 	; ; ; ;	33.5
PROCUREMENT (3010) INSTALL KITS		4	7.4	ō	17.3				•	16.4	33	56.8
KITS NONRECUR EQUIPMENT	~-	(4)	7.5	(10)	17.2		٠.			16.1		57.0
EQUIP NONREC CHANGE ORDERS			1.0		ស់ ព					ល់		6.0 6.0
DATA SIM/TRAINER			τ. τ.		 w w					?		, e, c
					. 5 . 0					2.8		9.7
<u>-</u>		;								<i>ن</i> د	÷.4	+ 4 + 6
FY97 4 KITS FY98 4 KITS		(4)	4 E.	(4)	4.2				;	,	4.	4 4
4 5 5									, (0,0)	4.2(10.6(10.6(4 6 6	10.6 10.6 10.6
		4	4.3	1 4	4.2				24	25.4	33	35.0
TOTAL COST (8P-1100)		4	20.4	0	42.5				0	61.6	33	177.7
MILESTONES:	FY-94	FY-95		FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):		1 1 1		4/96 2/98	4/97 2/99	4/98 2/00	2/99	1/00	1/01			
INSTALLATION SCHEDULE:	FY-98		¥	FY-99		8		FY-01	•			
QUARTERS 1 INPUT OUTPUT	2 - 3	4		m 	4	2	4	N	4			
INSTALLATION SCHEDULE:	-05	4	F. 2	FY-03 2 3	4	FY-04 2 3	4					
INPUT 2	100	ოო	99	B 64	ი ი							

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APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE AERIAL REFUELING RECEPTACLES, MN-KC4233 OF AIRCRAFT MODIFICATION OF AIRC FY 1996 PROGRAM MODIFICATION TITLE AND NO DATE 02/21/95 FY 1996 PRE

DESCRIPTION/JUSTIFICATION: INSTALL AERIAL REFUELING RECEPTACLES ON KC-135R AIRCRAFT TO PROVIDE INFLIGHT REFUELEING CAPABILITY. THIS IS A COMPANION MOD TO THE MULTIPOINT REFUELING PROGRAM. THESE PROGRAMS HAVE FY95 CONGRESSIONAL DIRECTION FOR THE AIR FORCE TO EXECUTE BOTH PROGRAMS. 41218F PE KC-135 MODELS OF AIRCRAFT AFFECTED WITHOUT DELAY.

DEVELOPMENT STATUS: R&D SCHEDULED TO BE COMPLETED AUG 96TO ALLOW SEP 96 CONRACT AWARD.

DEVELORMENT STATES:			i))										
PROJECTED FINANCIAL	PLAN	PRIOR	FY-94	.94 AMT	FY-95	95 AMT	FY-96	96 AMT	FY-97 0TY A	97 AMT	FY-98 QTY	98 AMT	
RDT&E (3600)	-	i	-	1	•	3.0		1 [] 1	† 1 1	! ! ! !	!	!	•
PROCUREMENT (3010) INSTALL KITS						•			4.			• • • •	
KITS NONRECUR EQUIPMENT						4							
EQUIP NONREC													
DATA						2.0							
SIM/TRAINER						2.1							
SUPPORT-EQUIP						2.0							
MOD OF SPARES													
HARD	VARE												
FYO2 33 KITS									1	1	1	1	
	1111	1 1 1 1	1111				1		!!!!!				

TOTAL INSTALL COST

TOTAL COST (BP-1100)

7.5

FOLLOW-ON LEAD TIME -- OG MONTHS

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT INITIAL LEAD TIME -- OG MONTHS

* * *** UNCLASSIFIED

DATE 02/21/95

ICATION OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE .4289 COMPASS REPLACEMENT, MN-KC4289

WILL PROVIDE A REPLACEMENT FOR TWO MISSION CRITICAL SYSTEMS (N1/J4 COMPASS) AND WIRING AND IS A COMPANION MOD WITH THE RADAR REPLACEMENT (MN: KC4292) AND NAVSTAR GPS (MN: 3150). THIS MOD WILL INSTALL A COMPASS SYSTEM REPLACEMENT AND INTEGRATE THE RADAR AND GPS CONCURRENTLY TO SATISFY THE REQUIREMENT TO MAINTAIN MISSION CAPABILITY DUE TO NAVIGATOR CREW REDUCTION (PACER CRAG). ACFT BREAKOUT: ACTIVE 386; ANG 170; AFRES 46. (THE 602 AIRCRAFT INCLUDE 22 RC/TC-135 ACFT.) THIS IS ONE OF THREE MODS THAT COMPRISE PACER CRAG. PE 41218F C/KC-135 MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO FY 1996 PRE

DEVELOPMENT STATUS: NONE. NO RDT&E REQUIRED.

G B .3 (6) (6)	>±0 	O LW)		ï ≻ -	96	-)
6 8.3 (6) 3.8 1.0 (6)	 		TM.	; 	Ŀ i	0TY	AMT	QTY	AMT	, to	AMT
6 8.3 (6) 3.8 1.0	O) N/A										***
6 8.3 (6) 3.8 1.0	010)							9	c	<u>,</u> Հ	
(6) 3.8 1.0				U	0			2	D . N		
(6) 3.8 1.0	×			D	? 0			(160)	19.5	19.5 (135)	16.4
1.0				(9)	3.8						
1.0	S										
ARE					o. -		2.		2		
ARE									ω. Θ		
ARE	۵										
	F HARDWARE										
FY97 160 KITS FY98 135 KITS						9	-				
FY98 135 KITS	Ş									(160)	80 .00
	S										
FY99 111 KITS	Ş										
FYOO 93 KITS											
				i			1	!	1	! ! !	1
TOTAL INSTALL COST	 		 	i ! !	! ! !	9	7.			160	3.8
TOTAL COST (BP-1100) 6 13.1	BP-1100)			9	13.1		2.2	160	28.1	135	22.3
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT/FIELD TEAM	APLEMENTATION: I	NSTALLATION	DEPOT/F	TELD '	TEAM	-	7	F 0	<u>.</u>	TIMON C	U

COMPASS REPLACEMENT	CONTINUED)
KC4289	PLAN (
; C-135	FINANCIAL
FACT SHEET;	PROJECTED FINANCIAL

		FY-99	9 AMT	FY-00 0TY A	OO AMT						T0 VT0	COMP AMT	TOTAL QTY	L AMT	F
		1	1	1	1 1 1						1		1 1 1 1 1	 	!!!
RDT&E (3600) N/A															
PROCUREMENT (3010) INSTALL KITS		Ξ	1 .8	69	4.6						97	1.7	7 596		တက
KITS NONRECUR EQUIPMENT		(111)	13.5	(83)	11.3						•	11.8			3.8
EQUIP NONREC CHANGE ORDERS DATA												1.3	m		9 6
							-)
INSTALLATION OF HARDWARE													(60) (10)		÷. 80 .
		(135)	3.3	•									(135)		3.3 7.4
				(111)	2.7						(93)	0 0			22.3
		135	3.3	111	2.7						190	0 4	9		14.7
		11	18.6	69	15.6						O)	97 19.	.6 602		119.5
			,												
MILESIUNES:	FY-95	FY-96	<u>u. </u>	FY-97	FY-98	ŒΪ	FY-99	FY-00	^ .	FY-01	FY-02	FY-03			
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	1/96			1/97 1/98	1/98 1/99	÷÷	1/99	1/00			1/02				
INSTALLATION SCHEDULE: PQUARTERS 1 INPUT 0UTPUT	FΥ-96 2 3	4 0 0	7. 2.	FY-97 2 3	4 - 04 - 04		FY-98 2 3 40 40 40 40	4 0 0	+ e e	FY-99 2 3 33 33 33 33	36 36			• .	
INSTALLATION SCHEDULE: 1 QUARTERS 1 1NPUT 28 001PUT 28	FY-00 2 3 28 28 28 28	27 2 27 2	FY- 1 2 23 23 23 23	FY-01 2 3 23 23 23 23	2	+ 2 ₹	FY-02 2 3	4		·					
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 25 OUTPUT 25	FY-03 2 3 24 24 24 24	2													

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* * *** UNCLASSIFIED

MODIFICATION DATE 02/21/95

AIRCRAFT FY 1996 PROGRAM

OF.

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC C-135 CLASS P DESCRIPTION/JUSTIFICATION: INCORPORATION OF SECOND ARC-190 ON C/KC-135 AIRCRAFT. DUE TO OVERSEA MISSSION REQUIREMENTS, THIS WILL PROVIDE COMMAND AND CONTROL COMPATIBILITY/CAPABILITY WITHIN 41218F PE ARC 190, MN-KC4291 KC-135 MODELS OF AIRCRAFT AFFECTED FY 1996 PRE MODIFICATION TITLE AND NO

MISSSION REQUIREMENTS, THIS WILL PROVIDE COMMAND AND CONTROL OF THE PROVIDE COMMAND AND CONTROL OF THE PROVIDE COMMAND AND CONTROL OF THE PROVIDE COMMAND AND CONTROL OF THE PROVIDE COMMAND AND CONTROL OF THE PROVIDE COMMAND AND CONTROL OF THE PROVIDE COMMAND AND CONTROL OF THE PROVIDE COMMAND AND CONTROL OF THE PROVIDE COMMAND AND CONTROL OF THE PROVIDE COMMAND AND CONTROL OF THE PROVIDE COMMAND AND CONTROL OF THE PROVIDE COMMAND AND CONTROL OF THE PROVIDE COMMAND AND CONTROL OF THE PROVIDE COMMAND AND CONTROL OF THE PROVIDE COMMAND AND CONTROL OF THE PROVIDE COMMAND AND CONTROL OF THE PROVIDE COMMAND AND CONTROL OF THE PROVIDE CONTROL									
DEVELOPMENT STATUS: GROUP B IS COMMERCIAL OFF-THE-SHELF (COTS) DEVELOPMENT ITEM. GROUP A INTEGR- TION DESIGN COMPLETION PROJECTED 3/95. KITPROOFS AND TRIAL INSTALLS ON 3 MDS PROJECTED 4/95.	HE-SHEL TPROOFS	F (COT	S) DEVE RIAL IN	ELOPMEN VSTALLS	T ITEM	GROU ADS PRO	P A INT JECTED	EGR- 4/95.	
PROJECTED FINANCIAL PLAN PRIOR FY-94 QTY AMT QTY AMT	FY-95 FY-96 FY-97 FY-97 QTY AMT QTY AMT QTY AMT QTY	AMT	FY-96 QTY /	96 AMT	FY-9 QTY	FY-97 'Y AMT.	FY-97 FY-98 QTY AMT	98 AMT	
RDT&E (3600) N/A									
PROCUREMENT (3010)	89	0,1	142	2.1	186	2.8	68 1.0 142 2.1 186 2.8 20	რ.	

(20) (186) 2.8 186 5.8 (186) (142). 1. 6 ď 1.0 142 .5 2.9 (142) (65) 4 <u>e</u> 68 (89) SUPPORT-EQUIP
INSTALLATION OF HARDWARE FY95 68 KITS FY96 142 KITS FY97 186 KITS FY98 20 KITS FY99 47 KITS FY00 57 KITS FY01 30 KITS EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER KITS NONRECUR PROCUREMENT (3C INSTALL KITS

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT INITIAL LEAD TIME -- 6 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

-

186 142

8.4

142 65

4.9

68

TOTAL COST (BP-1100) TOTAL INSTALL COST

186 20

9

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FACT SHEET; C-135 KC4291 ARC 190 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

-		FY-99 QTY	AMT	FY-00 QTY A	O AMT							₽ <u></u>	COMP AMT	TOTAL QTY	AMT
RDT&E (3600) N/A		! !		! !	1							! ! !	!		
PROCUREMENT (3010)		47	æ	57	თ.							30	R	550	89 4. n
KIIS NUNKECUK EQUIPMENT		(47)	2.3	(57)	2.8								1.2		23.5
CHANGE ORDERS															4.
SIM/TRAINER SUPPORT-EQUIP															e.
INSIALLATION OF HAKUWAKE FY95 68 KITS FY96 142 KITS														68)	ښ به ا
FY97 186 KITS FY98 20 KITS		(20)	4.	í	(186) 20)	- c
FY99 47 KITS FY00 57 KITS FY01 30 KITS				47)	m							57)	1.7	57) 30)	2
TOTAL INSTALL COST		20	4.4	47	3.2							87	e I	550	9.6
TOTAL COST (BP-1100)		47	3.2	57	3.9							30	2.0	550	35.3
MILESTONES:	ម 6 - - -	96 - - -	FY-97	76	FY-98	œ	FY-99		FY-00	FY-01		FY-02			
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	2/95	1/96	1/97	1 2 8	1/98	. 1	1/99		1/00	1/01		 	·		
			FY-96			_	-97			-98					
QUARTERS 1 INPUT OUTPUT	0 0	3 20 3 3	200	25 15	7 0	- 68	33 3	3 4 37 32 33 37	4 2 4 7 43	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3 4 46 48 46 46				
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 5 OUTPUT 48	FY-99 2 3 5 5 10 5	4 m m - 5 5	FY-00	0 2 5 5	4 = =	- 4 4	FY-01 2 14 14	w 4 4	4 የ ህ የህ						
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 15 OUTPUT 15	FY-02 3 15 15 15	4													

* * *** UNCLASSIFIED

DATE 02/21/95

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE RADAR REPLACMNT & DISPLAY MODERNIZATION, MN-KC4292 CLC C-135 CLASS P

IPTION/JUSTIFICATION: THIS UPGRADE REPLACES THE C/KC-135 APN-59E/F RADAR WITH AN OFF-THE-SHELF COLOR WEATHER RADAR INTEGRATED INTO AN IMPROVED COCKPIT ARCHITECTURE. THIS RADAR WILL UTILIZE COLOR MULTIFUNCTION DISPLAYS FOR RADAR INFORMATION. THIS MOD IS A COMPANION WITH THE COMPASS REPLACEMENT (MN: KC4289) AND NAVSTAR GPS (MN: 3150) MODS AND IS SCHEDULED FOR CONCURRENT INSTALLATION TO SATISFY THE REQUIREMENT TO MAINTAIN MISSION CAPABILITY DUE TO NAVIGATOR CREW INSTALLATION (PACER CRAG). AIRCRAFT BREAKOUT: ACTIVE 315; ANG 225; AFRES 62. (THE 602 AIRCRAFT INCLUDE 22 RC/TC-135 AIRCRAFT). THIS MOD IS ONE OF THREE COMPRISING PACER CRAG. PE 41218F C/KC/RC/TC-135 MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO FY 1996 PRE

DEVELOPMENT STATUS: NONE. NO RDT&E REQUIRED.

AMT		ر ت	18.2		4		*		2.8	2.5					1 ! ! ! ! !	5.3		25.4	Σ
FY-98 QTY AM		8	(81)						(54)	(49)					1	103		8	MONTH
T W		1.0	11.1 (81)		0.4) :	*	+	6)					1	4.0		21.7	
FY-97 QTY /		49	(49)					(9)	(160)							166		49	AD TIM
TMI		9. 6	49.7		9.		*								1 1 1 1			55.2	FDLLOW-ON LEAD TIME 12 MONTHS
FY-96 QTY /		214	(214)												1 1 1			214	M FOLLOV
TMT	 	•		O	<u>ښ</u>													5.4	CD TEA
FY-95 QTY /	 		9	(9)											1			છ	CONTRACT FIELD TEAM 12 MONTHS
AMT	! ! !															 			- CONTR
FY-94 QTY	!																		TION -
AMT	! ! !															 			INSTALLATION
AN PRIOR QTY	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!															1 1			_
IAL PLAN	N/A							RDWARE								ļ.		1100)	METHOD OF IMPLEMENTATION:
FINANC	(009	(3010)	CUR	EC	ERS	<u>8</u>	410	I OF HA	S	(ITS	LTS	LTS	LTS	ITS	ITS		IALL	T (BP-	IMPLE
PROJECTED FINANCIAL	RDT&E (3600) N/A	EMENT	NONRE	P NONR	IGE ORD	SIM/TRAINER	ORI-EG	LLATION	5 6 KII	6 214 F	7 49 K	8 81 K]	9 88 K	0 67 K	2 97 K		TOTAL INSTALL COST	TOTAL COST (BP-1100)	HOD OF
PROJ	RD	PROCUR	KITS NONRECUR	EQUI	CHANG	SIM,	SUPP	INSTALLATION OF HARDWA	FΥ9	FY9(FY9	FΥΘ	Ę¥∃	ΕYŌ	FΥO		101	T0T	MET

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FACT SHEET; C-135 KC4292 RADAR REPLACMNT & DISPLAY MODERNIZATION PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-99 QTY	99 AMT	FY-00 QTY /	OC AMT				70 710	COMP AMT	TOTAL QTY	AMT
A/M (OCOC) BETTO	1 1 1 1	!		!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!				1	; ; ; ;	 	
PROCUREMENT (3010) INSTALL KITS	88	1.7	67	4.3				97	1.8	596	11.2
KITS NONRECUR	(88)	20.0	(67)	15.2					22.1	Þ	136.3
EQUIP NONREC) }		!							o. 0.
CHANGE ORDERS DATA									2.1		4.5 4.6
SIM/TRAINER Support-Equip				4							
090		*		*							
										6) 214)	6.1
FY96 214 KITS										49)	2.5
	(81)	4.6		(84) 88)	4 დ ი დ
FY99 88 KITS FY00 67 KITS			(88)	ж Э				(67)	9.3	67)	ი ი ი
	1	1 1	1 1 1	1					1		
TOTAL INSTALL COST	8	4	88	3.8				164	6.8	602	24.5
TOTAL COST (8P-1100)	88	26.3	67	20.3				0)	97 32.8	602	187.1
MILESTONES: FY-95	FY-96		FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03		
CONTRACT-DATE (QTR/FY): 1/96 DELIVERY-DATE (QTR/FY): 1/97	1/96	i e e	1/97	1/98	1/99	1/00		1/02			
		i	1		3		200			·	
INSTALLATION SCHEDULE: FY-96 QUARTERS 1 2 3 INPUT OUTPUT	4	46 40 46 40	FY-97 2 3 40 40 40 40	40 40 40 40	74-98 2 3 40 23 40 23	4 20 20	2 3 20 20 20 20	4 1 1 4			
INSTALLATION SCHEDULE: FY-OO QUARTERS 1 2 3 INPUT 22 22 22 OUTPUT 22 22 22	22 1 22 1	FY 17 17 17 17 17	17	4 6 1	FY-02 2 3	4					
INSTALLATION SCHEDULE: FY-03 QUARTERS 1 2 3 INPUT 24 24 24 QUTPUT 24 24 24	25 25 25										

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DATE 02/21/95

OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE 1, MN-KC4308 CLC C-135 CLASS P KC-135 AVIONICS RELOCATION, MN-KC4308

IPTION/JUSTIFICATION: ACCOMPLISH NECESSARY MODIFICATIONS TO AIRCRAFT TO ALLOW OPERATION WITH TWO PILOTS AND MEET ICAO REQUIREMENTS FOR OVERWATER FLIGHT. MOVES INS CONTROL, TRANSPONDER, AND RADAR CONTROLS FROM NAVIGATOR STATION TO PILOTS STATION. THIS MOD IS THE FIRST STEP OF THE LARGER APPROVED PROGRAM CALLED PACER CRAIG. THIS PROGRAM ALLOWS AMC KC-135'S TO MEET OPERATIONAL NAVIGATION REQUIREMENTS UNTIL THE FULL PACER CRAIG PROGRAM CAN BE COMPLETED. PE KC-135 MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO FY 1996 PRE

DEVELOPMENT STATUS: AIRCRAFT: 214 ACTIVE.

FY-98. QTY AMT ٥T AMT ΩT AMT FY-95 QΤ AMT FY-94 OΤ AMT PRIOR QT, PROJECTED FINANCIAL PLAN

ი ი

208

RDT&E (3600) N/A

PROCUREMENT (3010) INSTALL KITS KITS NONRECUR CHANGE ORDERS EQUIP NONREC SIM/TRAINER EQUIPMENT DATA

TOTAL INSTALL COST

SUPPORT-EQUIP INSTALLATION OF HARDWARE

208 ø TOTAL COST (BP-1100)

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FOLLOW-ON LEAD TIME -- 6 MONTHS METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- 6 MONTHS

KC-135 AVIONICS RELOCATION	
KC-135 AVION	(CONTINUED)
KC4308	_
: C-135	FINANCIAL
FACT SHEET; C-135	PROJECTED FINANCIAL PLAN

8	AMT	1 1 1
FY-00	QTY	1 1 1
66	AMT	1 1 1 1 1
FY-99	QΤΥ	1

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

TOTAL COST (BP-1100)

TOTAL INSTALL COST

MILESTONES:

FY-95 ----1/95 2/95 FY-93 ----1/95 2/95 CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

	TOTAL QTY	214	4
	TO COMP QTY AMT		1
(CONTINUED)			

3.7

AMT

5.7

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		BUDG	BUDGET ITEM JUS (EXHIBIT P	JUSTIFICATION				DATE FEBRUARY 1995	.Y 1995
APPROPRIATION/BUDGET ACTIVITY	IDGET ACTIVI	77		P-1 ITEM	P-1 ITEM NOMENCLATURE: E-3	URE: E-3			
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATION	UREMENT AF	VAIRCRAFT M	ODIFICATIONS						
		FY 1994 FY 199	FY 1995	FY 1996	FY 1996 FY 1997	FY 1998 FY 1999		FY2000 FY2001	FY2001
QUANTITY									
COST (In Mil)		\$4.627	\$136.604	\$230.439	\$270.275	\$92.406	\$79.329	04 \$230.439 \$270.275 \$92.406 \$79.329 \$81.097 \$82.900	\$82.900

airborne radar and provides all-altitude air surveillance, threat warning, and control of theater air forces. The overall goal of the modifications budgeted in FY96 is to upgrade the mission systems. The specific modifications budgeted and programmed are This line item funds modifications to the E-3 aircraft. The four engine E-3 is a modified Boeing 707 airframe which carries attached.

P-1 SHOPP LIST PAGE NO. ITEM NO. 51

4/8

DATE 02/21/95

FY 1996 PRE

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE REPLACE MAG TAPE TRANSPORT-HARD DISK SYS, MN-17600B CLC E-3 CLASS P

E-3

DISK DRIVE SYSTEM TO PROVIDE AN EFFICIENT, RELIABLE, MAINTAINABLE SYSTEM FOR LOADING DATA INTO AND RECORDING FROM THE MISSSION COMPUTER. THE E-3 USES A MIXED BRAND MIT (AMPEX AND MILTAPE) 3 IN EACH AIRCRAFT. NONE OF THE PRESENT TAPE DRIVES MEET SPECIFIED MTBF. PAST YEAR AVERAGE MTBF FOR BOTH SYSTEMS RUNS 289 HOURS. MAINTENANCE MANHOURS ARE 7365 WITH THE HARD FAILURES TOTALING 2034 HOURS. ADDITIONALLY, UPLOAD COMPATIBILITY BETWEEN THE SUPPORT SYSTEM AND THE TAPE TRANS-PORTS HAS BEEN A CONTINUAL PROBLEM. MODIFICATION REPLACES UNRELIABLE MAGNETIC TAPE TRANSPORT (MTT) WITH A 27417F PE MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: INITIAL DEVELOPMENT COMPLETE

PROJECTED FINANCIAL PLAN	LAN		FV - 94	Z.	FV - 95	ē.	FY	FY-96	FY-97	97	FY-98	98
		AMT	QTY AMT	AMT	QTY	QTY AMT	Σ Σ	AMT	γ <u>τ</u> φ	QTY AMT	QTY	QTY AMT
RDT&E (3600) N/A												
PROCUREMENT (3010)			•									
INSTALL KITS		ت										
KITS NONRECUR												
EQUIPMENT		7.3										
EQUIP NONREC												
CHANGE ORDERS		9.										
DATA		4.										
SIM/TRAINER		2.7										
SUPPORT-EQUIP		2.5					-					
ICS				₹.		ເນ						
DEPOT						0.0						
INSTALLATION OF HARDWARE	ĮŲ.											

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- 12 MONTHS

18.4

TOTAL COST (BP-1100) TOTAL INSTALL COST

FOLLOW-ON LEAD TIME -- 12 MONTHS

2.5

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	TO COMP TOTAL OTY AMT		r.	7.3	9.7	2.7	2.2	2.0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0.12		
(CONTINUED)									i				
								•				FY-96	
: SYS												FY-95	
17600B REPLACE MAG TAPE TRANSPORT-HARD DISK SYS AN (CONTINUED)	00 AMT								t 1 1 1			FY-94	
E TRANSP	FY-00 MT QTY AM								1			FY-93	
REPLACE MAG TAP	4-99 A - 1											FY-92	
OOB REP												FY-88	4/89
FACT SHEET; E-3 1760		RDT&E (3600) N/A	PROCUREMENT (3010)	KITS NONRECUR	EQUIPMENT EQUIPMENT FOURTH	CHANGE URDERS DATA	SIM/TRAINER SUPPORT-FOUIP	ICS	INSTALLATION OF HARDWARE	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE: QUARTERS INPUT

OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

QUERTY KEYBOARDS, MN-20001X MODIFICATION TITLE AND NO FY 1996 PRE

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC E-3

PURCHASED FROM NAVY ON MIPR # IPTION/JUSTIFICATION: THE KEYBOARD IS USED BY THE OPERATORS OF THE SITUATION DISPLAY CONSOLES TO COMPOSE AND EDIT TABULAR DATA. THE ADCP PROVIDES ALARM INDICATIONS AND RESET FUNCTIONS CURRENT KEYBOARD USES NON STANDARD LAYOUT AND REQUIRES EXCESSIVE FORCE TO OPERATE. CURRENT ADCP HAS A HIGH FAILURE RATE. SOURCES FOR BOTH ARE DIMINISHING. PURCHASED FROM NAVY ON MIPR 27417F E-3 MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: FY762095 AW025.

DEVELOPMENT STATUS: N/A.

AMT AMT AMT FY-96 QT√ AMT FY-95 AMT FY-94 AMT PRIOR PROJECTED FINANCIAL PLAN

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR EQUIPMENT

CHANGE ORDERS SUPPORT-EQUIP EQUIP NONREC SIM/TRAINER AIRCRAFT DATA

INSTALLATION OF HARDWARE TOTAL INSTALL COST TOTAL COST (BP-1100)

FOLLOW-ON LEAD TIME METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- OO MONTHS

-- OO MONTHS

20001X QUERTY KEYBOARDS	PLAN (CONTINUED)
FACT SHEET; E-3	FINANCIAL

8	AMT
FΥ-	QTY AN
	⊨
FΥ-	QTY AN

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
AIRCRAFT
INSTALLATION OF HARDWARE

FY-92 3/94 1/96 CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY): TOTAL COST (BP-1100) MILESTONES:

TOTAL INSTALL COST

FY-95 -----1/95 2/96

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

 - - - - -	9.5
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	34
!	

9.2

34

AMT

TOTAL QTY

AMT

TO COMP QTY AM

DATE 02/21/95

FY 1996 PRE

AIRCRAFT FY 1996 PROGRAM 9 MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC E-3 CLASS P E-3 CLC

DIMENSIONAL POSITIONING/NAVIGATION FOR MILITARY AIRCRAFT. THE SYSTEM HAS THREE SEGMENTS; USER EQUIPMENT, SATELLITES, AND A CONTROL NETWORK. SATELLITES BROADCAST ACCURATE DATA WHICH USER EQUIPMENT, SATELLITES, AND A CONTROL NETWORK. SATELLITES BROADCAST ACCURATE DATA WHICH USER EQUIPMENT RECEIVES, COMPUTES PLATFORM POSITION AND VELOCITY, THEN PROVIDES STEERING VECTORS TO TARGET LOCATIONS OR NAVIGATION WAYPOINTS, INTEGRATION OF GPS USER EQUIPMENT INTO THE E-3 WILL BE TO THE MAXIMUM EXTENT POSSIBLE WITH RELEVANT SYSTEMS (NAVIGATION, HAVE QUICK AND UTIDS). THIS EFFORT IS PART OF THE E-3 BLOCK 30/35 MODIFICATION. NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) PROVIDES WORLDWIDE THREE-PE 27417F NAVSTAR GPS, MN-3150 E-3 MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO

DPMENT STATUS: SATELLITES AND CONTROL SEGMENTS ARE CURRENTLY IN PRODUCTION/DEPLOYMENT. THE DOD INTERSERVICE GP B CONTRACT CANNOT BE AWARDED UNTIL ALL FUNDS FROM ALL SERVICES ARE RECEIVED; THEREFORE, 2ND QTR AWARD IS PROGRAMMED TO ALLOW SUFFICIENT TIME FOR THE ADMINISTRATIVE DETAILS. DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN	PRIOR TY	AMT	FY-94 QTY	94 AMT	FY-95	S AMT	FY-96 QTY A	96 AMT	FY-97 0TY /	97 AMT	FY-98 QTY	AMT
RDT&E (3600) N/A	!		 	 								
PROCUREMENT (3010) INSTALL KITS	ო	7.			σ	თ.	თ	3.9	Ξ	4.0		
KITS NONRECUR		4			(6)	4.4	6)	6.4	(6)	6.7		
EQUIP NONREC								5.0		2.0		
DATA		-						2.8		₹.		
SIM/TRAINER SUPPORT-EQUIP												
WARRANTY INSTALLATION OF HARDWARE		•										
FY93 3 KITS (FY95 9 KITS	(E	- .							(6)	4.	(6)	4
FY96 9 KITS FY97 11 KITS				 	1 1 1 1	 	 	1 1 1 1	1	; ; ; ;	1 1 1	 - - -
TOTAL INSTALL COST		7.							თ	4	o •	4
TOTAL COST (BP-1100)	ო	- -			თ	2.3	6	19.1	=	13.2		4.
METHOD OF IMPLEMENTATIC	NTATION: INSTALLATION I INITIÀL LEAD TIME 3	STALLA LEAD	TION	DEPOT	DEPOT/FIELD TEAM 26 MONTHS	TEAM	FOLL	OW-ON L	EAD TII	4E 2	FOLLOW-ON LEAD TIME 26 MONTHS	

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	TO COMP TOTAL QTY AMT QTY AMT	-	32 9.5	14.7	7.0	2.9	1. (6)	4. (8) 4. (11)	32 1.4	32 36.8	•				
														4 0 0	
(CONTINUED)											FY-00		66-	0 0 0 0	
٥											FY-99			4 + C	
											FY-98		-98	0 0 0 0 0 0	
	O AMT				r	!			! ! !	ų.	FY-97	1/97 1/99		4 C C	4
	FY-00 T QTY /	! ! !						ن		ស៊	FY-96	1/96 1/98	-97	0 m	FY-01 2 3
AR GPS UED)	-99 AM							(33)			FY-95	2/95 2/97		4	4
O NAVSTAR GI (CONTINUED)											FY-93	1/94 2/96	FY-96	o	FY-00
FACT SHEET; E-3 3150 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010)	KITS NONRECUR	EQUIP NONREC CHANGE ORDERS	DAIA SIM/TRAINER SUPPORT-EQUIP	WARRANTY INSTALLATION OF HARDWARE FY93 3 KITS	FY95 9 KITS FY96 9 KITS FY97 11 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE:	QUARTERS 1 INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS 1 OUTPUT 2

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MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC E-3 CLASS P FY 1996 PRE MODIFICATION TITLE AND NO

HAVE QUICK A-NET, MN-3246

PE 27417F DESCRIPTION/JUSTIFICATION: REPLACES FOUR AN/ARC-171 UHF RADIOS WITH A TOTAL OF FOUR HAVE QUICK A-NET UHF RADIOS. MODIFICATION IS REQUIRED TO ENHANCE UHF COMMUNICATIONS EFFECTIVENESS IN AN ELECTRONIC COUNTERMEASURES (ECM) ENVIRONMENT. E-38/C MODELS OF AIRCRAFT AFFECTED

DEVELOPMENT STATUS: COMPLETE.

PROJECTED FINANCIAL PLAN		9	;		2		, ,	9	FV-97		FY-98	œ
	PRIOR OTY /	_	OTY A	F	OTY AN	= !	OTY AM	AMT	OTY	AMT	0TV	AMT
- RDT&E (3600)	! ! !	0										
PROCUREMENT (3010)												
INSTALL KITS	33	18.1										
KITS NONRECUR	-	- 9.										
EQUIPMENT		104.3										
EQUIP NONREC		3.7										
CHANGE ORDERS		1.2				ი. -						
DATA		л. Т										
SIM/TRAINER												
SUPPORT-EQUIP		4.2										
105		2.5		2.5		•						
INSTALLATION OF HARDWARE												
FY90 20 KITS (50											
FY91 5 KITS (2	- 8.										
FY92 9 KITS (6	∞.		!	1	1	1	1 1 1	1 1 1 1 1	1	1	1 1
TOTAL INSTALL COST	34	2.6										
TOTAL COST (BP-1100)	34	34 143.3		2.5		.						
METHOD OF IMPLEMENTATION:	I I	ON: INSTALLATION DEPOT	- NOIT	- DEPOT	NTHS		FOLL	I NO-MC	FOLLOW-ON LEAD TIME 21 MONTHS	21	MONTH	w

	AMT	0.1	18.1	3.7	. r.	5.0	8 60	5.6	147.7				
	TAL		33	¥ -			20) 5) 9)	34	34				
	0T VT0												
	TO COMP QTY AMT						1 1 1 1 1			FY-95			
	0T YT0									FY-94		4 n n	
(CONTINUED)										FY-93		FY-93 2 2 3 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
										FY-92	2/92 1/94	4 4 -	
										F \ - 10 1	4/91 2/93	FY-92 2 2 3 5 2 3	
	OO AMT	9 1 1 8 8						 		FY-90	1/91 3/92	40F	4
-	œ	t f l l						! ! ! ! !		FY-89	2/89 4/91	FY-91 2 3 1	FY-95 2 3 2 2 2
HAVE QUICK A-NET (CONTINUED)	66-√	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						 		FY-88	2/89 2/91	4	400 -0-
			e exercise							FY-87	2/89	FY-90 2 3	FY-94 2 1 3 3 2 2 2
FACT SHEET; E-3 3246 PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS	KITS NONRECUR EQUIPMENT FOLID NONREC	CHANGE ORDERS DATA	SIM/IRAINER SUPPORT-EQUIP ICS	INSTALATION OF HARDWARE FYSO 20 KITS FYS1 5 KITS FYS2 9 KITS	TOTAL INSTALL COST	TOTAL COST (8P-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 3 OUTPUT 2

DATE 02/21/95

AIRCRAFT FY 1996 PROGRAM 占 MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE S (ESM), MN-3371 CLC E-3 CLASS P

E-3B/C

DESCRIPTION/JUSTIFICATION: THE ELECTRONIC SUPPORT MEASURES (ESM) SYSTEM WILL ALLOW THE E-3 TO PASSIVELY DETECT, LOCATE, AND IDENTIFY AIRBORNE, SHIPBORNE, AND GROUND BASED EMITTERS. ESM WILL ALSO PROVIDE THREAT WARNING CAPABILITY. DATA FROM THE ESM SYSTEM WILL BE PRESENTED AT WILL ALSO PROVIDE THREAT WARNING CONSOLE DISPLAYS. ESM IS PART OF THE E-3 BLOCK 30/35 EXISTING E-3 SITUATION DISPLAY CONSOLE DISPLAYS. ESM IS PART OF THE E-3 BLOCK 30/35 MODIFICATION. THE DEVELOPMENT CONTRACT INCLUDES THE KIT PRODUCTIONS OPTIONS IAW THE ESM US/NATO MEMORANDUM OF UNDERSTANDING, DATED 17 NOV 86. 3600 PROCURES 1 TRIAL INSTALL KIT IN FY92. PE 27417F ELECTRONIC SUPPORT MEASURES (ESM), MN-3371 MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO FY 1996 PRE

DEVELOPMENT STATUS: FULL SCALE DEVELOPMENT BEGAN IN MAY 87; BEGAN CRITICAL DESIGN REVIEW IN JUN 88; AND INTEGRATED OPERATIONAL TEST AND EVALUATION JAN 93, COMPLETE SEP 91. CCB SEP 91. THIS IS A NATO COOPERATIVE RESEARCH AND DEVELOPMENT PROGRAM. 3600 FUNDING IS TOTAL FOR BLOCK 30/35 INTEGRATION. FY93 RDT&E INLCUDES PRIOR YEAR FUNDING DUE TO SPACE CON-STRAINTS.

	PROJECTED FINANCIAL PLAN	AN PRIOR	. F	FY-94 QTY AN	94 AMT	FY-95 QTY /	35 AMT	FY-96 QTY /	96 AMT	FY-97 QTY	97 AMT	FY-98 QTY	8 AMT
	RDT&E (3600)		38.4	1	37.6	1	12.9	! ! !	3.0	1 	1.4		3.3
9	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR	ю	4.1.			6 (15.8 34.8	6 6	15.6	= =====================================	16.7		ი. ი.
	EQUIPMENT EQUIP NONREC CHANGE ORDERS		10.0			9	4.			•	29.1 .6		- · · ·
	SIM/TRAINER SUPPORT-EQUIP		. o				12.9		. e - . r. 0.		4.6		
	ICS REFURB TRAINING		1.1				2.6		່ ຫຼາ		÷.		
Ä	INSTALLATION OF HARDWAKE FY93 3 KITS (FY95 9 KITS FY96 9 KITS (FY96 9 KITS FY96 9 KITS (FY96 9 K	3)	3.3							(6)	10.2	6)	10.0
	FY97 11 KIIS TOTAL INSTALL COST	6	3.3		1 1 1	 	 	!	 	6	10.2	1 60 1 1	10.0
	TOTAL COST (BP-1100)	6	39.1			6	72.1	თ	77.4	Ξ	115.3		11.2
	METHOD OF IMPLEMENTATION: INIT	ON: I	ON: INSTALLATION INITIAL LEAD TIME	ATION	DEPOT	DEPOT 25 MONTHS		FOLL	J NO-MC	EAD TI	FOLLOW-ON LEAD TIME 25 MONTHS	5 MONTH	s

	TO COMP TOTAL QTY AMT QTY AMT	6.66	32 60.0 1.1 132.6	43.3 9.8 8.3 9.19	6 - 9 6 0 6	(6) 3.3		32 34.7	32 328.4	8 :			
(CONTINUED)						**				FY-99 FY-00		FY-98 2 3 4 3 3 1	
										FY-98		6 6 6 4 6 6 - 2 6	
(M										5 FY-97		FY-97	
SUPPORT MEASURES (ESM)	FY-00 OTY AMT	1 1 1 1 1 1 1 1 1 1 1		1.0				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.0		1/96 17 1/98	96 8 - + 4 + -	δ. ε.
	7-99 AMT		. rö.	- e			÷	11 11.2	12.3		2/95	FY-96	FY-00
1 ELECTRONIC (CONTINUED)	. ⊁T&						Ċ	İ			1/94	FY-95 2 3 4	FY-99
FACT SHEET; E-3 3371 PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR	EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER	SUPPORT-EQUIP ICS REFURB TRAINING	INSTALLATION OF HARDWARE FY93 3 KITS FY95 9 KITS	FY96 9 KITS FY97 11 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 3 OUTPUT 1

* * *** UNCLASSIFIED

AIRCRAFT FY 1996 PROGRAM 9 MODIFICATION

DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC E-3 CLASS P E-3 CLC

MODIFICATION TITLE AND NO FY 1996 PRE

DESCRIPTION/JUSTIFICATION: CONVERTS E-3 JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS)
FROM INTERIM JOINT MESSAGE STANDARD (IJMS) TO TACTICAL DIGITAL INFORMATION LINK J (TADIL J),
THE NEW DOD MESSAGE STANDARD. REPLACES CLASS 1 JTIDS WITH CLASS 2H JTIDS TERMINALS. THIS
MODIFICATION IS PART OF THE E-3 BLOCK 30/35 MODIFICATION. 3600 PROCURES 1 TRIAL INSTALL IN PE 27417F UTIDS TADIL J, MN-3401 E-3B/C MODELS OF AIRCRAFT AFFECTED

DEVELOPMENT STATUS: FULL SCALE DEVELOPMENT BEGAN MAY 87 AS PART OF BLOCK 30/35 FSD CONTRACT. CRITICAL DESIGN REVIEW NOV 88. CCB SEP 91. TESTING TO COMPLETE DEC 91. 3600 FUNDING FOR THIS PROGRAM IS PART OF THE TOTAL BLOCK 30/35 PROGRAM AND IS DEPICTED ON ESM, MOD NO. 3371.

PROJECTED FINANCIAL PLAN Q1	N PRIOR	AMT	FY-94 QTY AMT	FY-95 QTY /	-95 AMT	FY-96 QTY /	M1	FY-97 QTY AM	+	FY-98 QTY AN	AMT
- RDT&E (3600) N/A		!		! !	!	i i 1 1	\$ 	 			
PROCUREMENT (3010) INSTALL KITS	ო	2.5		O	3.1	თ	3.0	Ξ	3.2		
KITS NONRECUR EQUIPMENT		2.6		(6)	18.5	(6)	18.8	3	18.9		7.
EQUIP NONREC CHANGE ORDERS DATA		ю.			е.		e. . .		. 53 . 53		6
SUPPORT-EQUIP		7			5.				ų.		
GF E WARRANTY		6.			ų.		2				
INSTALLATION OF HARDWARE FY93 3 KITS FY96 9 KITS FY96 9 KITS FY97 14 KITS	3	o.			•			(6)	2.7	(6)	2.7
TOTAL INSTALL COST	6	6.	1	1 1 1 1	1 1 1 1 1			6	2.7	თ	2.7
TOTAL COST (BP-1100)	က	. 6.4		Ø	22.3	σ	22.7	=	30.8		რ -
METHOD OF IMPLEMENTATION	TATION: INSTALLATION INTIAL LEAD TIME	ISTALL/ LEAD	1 1	DEPOT 25 MONTHS		FOLL	J NO-WC	EAD TI!	AE 2!	FOLLOW-ON LEAD TIME 25 MONTHS	

	TO COMP TOTAL QTY AMT QTY AMT		32 11.5	59.2		- . v.².	o.	(3) .9	(9) 2.7	į	32 9.2	32 88.8	FY-00			
ED)								ъ,							66 66 64 64 64 64 64 64 64 64 64 64 64 6	
(CONTINUED)		•											FY-99	1 1 1	FY-99 3 3	
													FY-98	1/98	4 + 6 + 6 +	
													FY-97	1/99	FY-98 2 3 3 2 3	
	AMT				ღ.					!		ო.	7 9 9	1/96	4 to to	
	FY-00			ú	₹.					2.9	5.9	3.2	10 1 2	2/95 2/97	FY-97 2 3 3 3	
TADIL J JED)	FY-99 QTY A									=======================================) († 	4	4
1 JTIDS TADIL (CONTINUED)				•									;	1/94 1/94 2/96	FY-96 2 3 1 1	FY-00 2 3
FACT SHEET; E-3 3401 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010)	KITS NONRECUR EQUIPMENT	CHANGE ORDERS DATA	SIM/TRAINER SUPPORT-EQUIP ICS		INSTALLATION OF HARDWARE FY93 3 KITS	FY95 9 KITS FY96 9 KITS	FY97 11 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATÉ (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 0UTPUT 2

*** UNCLASSIFIED

OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

DATE 02/21/95

DATA ANALYSIS PROGRAMMING GROUP (DAPG), MN-3402 CLC E-3 CLASS P FY 1996 PRE MODIFICATION TITLE AND NO

IPTION/JUSTIFICATION: UPGRADES THE CC-2 MAIN MEMORY AND BULK MEMORY OF THE E-3 BLOCK 20/25 DAPG CONFIGURATION. THE DAPG UPGRADE PROVIDES AN INCREASE TO THE MAIN AND BULK MEMORY STORAGE CAPACITY. THE PRESENT CC-2 MEMORY CONFIGURATION IS UNABLE TO SUPPORT ESM REQUIREMENTS AND THE ADDITION OF JIDS TADIL-J MESSAGE STANDARD. THIS MODIFICATION IS PART OF THE E-3 BLOCK 30/35 PE 27417F MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: UPGRADE.

DEVELOPMENT STATUS: FULL SCALE DEVELOPMENT BEGAN MAY 87 AS PART OF BLOCK 30/35 FSD CONTRACT. CRITICAL DESIGN REVIEW COMPLETED IN MAY 88. FLIGHT TEST SCHEDULED FOR JUN-AUG 91. 3600 PRO-CURES 1 TRIAL INSTALL IN FY92. 3600 FUNDING FOR THIS PROGRAM IS PART OF THE TOTAL BLOCK 30/35 EFFORT AND IS DEPICTED ON ESM, MOD NO. 3371.

PROJECTED FINANCIAL PLAN	N 00100	٥	FV-94	FY	10 10	FY-96	96	FY-97		FY-98	m
- · ·	OTY OTY	AMT	AMT	OTY AN	AMT	0TV	AMT	ΥTO	TW)	0TY	AMT
RDT&E (3600) N/A											
PROCUREMENT (3010)	ო	₹.		o	₹.	თ	₹.	ŧ	₹.		
KITS NONRECUR		. ((6)	20 4	6)	7.22	3	27.0		4.
EQUIPMENT		- - - -		9	2.3	ò	9.		9.		
CHANGE ORDERS					•		- •		•		
DATA		₹.			- .				15.8		
SIM/TRAINER											
JOS - FEGUTA		-			*		*				
100 T		10.2			₹.						
NSTALLATION OF HARDWARE											
FY93 3 KITS (Э Э	4.						(0)	7		
FY95 9 KITS								(6)) †	(6)	4.2
FY96 9 KITS FY97 11 KITS					1	1 1 1	! ! ! !) 	!	1 1
TOTAL INSTALL COST	. 6	1.4	1 1 1 1 1 1 1 1 1 1					စ	4.3	o	4.2
TOTAL COST (BP-1100)	ო	23.8		თ	25.0	თ	23.7	Ξ	47.9		4.6
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT		STALLA	TION DEPOT					i			

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DATA ANALYSIS PROGRAMMING GROUP (DAPG)

FACT SHEET; E-3 3402 PROJECTED FINANCIAL PLAN

			•					CF CF		TOT	
		FY-99 QTY AN	FY-00 AMT QTY A	-00 AMT				A > TO -	= !	0TV	AMT
RDT&E (3600) N/A		i i i i i									
PROCUREMENT (3010) INSTALL KITS										32	4.
KITS NONRECUR			ო.			•					83.4
EQUIP NONREC											4 8
CHANGE ORDERS DATA				س							. o. !
SIM/TRAINER											15.9
											10.3
									•	ć	+
FY93 3 KITS FY95 9 KITS								-	٠ ـ .	66	. 4 . 6
FY96 9 KITS		(1)	0					-		6 -	4 4 G 66
FY8/ 11 KIIS			• •	1 1 1 1 1 1				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	, !		1 1 1 1
TOTAL INSTALL COST		Ξ	4.8							35	14.7
TOTAL COST (BP-1100)			5.1	ĸ.						35	130.6
MILESTONES:	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00			
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	1/94 2/96	! ! !	2/97	1/96 1/98	1/99	1/98	! !				
INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	FY-96 2 3 1 1	4	FY-97 2 3 3	4 to to	F≺-98 2 3 3 2 3 3	4 - 6 - 6 -	FY-99 2 3 3	4 0 O			
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 2	FY-00 2 3	4									·

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC E-3 CLASS P

DESCRIPTION/JUSTIFICATION: SEVERAL IMPROVEMENTS MUST BE MADE INTO THE MISSION EQUIPMENT AND AIRCRAFT
SYSTEMS TO KEEP THE AIRCRAFT FLYING. THESE IMPROVEMENTS ARE REQUIRED TO SUSTAIN THE AIRCRAFT.
EFFORTS INCLUDE GUIDANCE, COMMUNICATIONS, RADAR SYSTEMS, CORROSION CONTROL, FLUIDS &
PNEUMATICS, INTRASTRUCTURE, AND COMPUTER DISPLAYS. PE 27417F EXTEND SENTRY, MN-50001X E-3 MODELS OF AIRCRAFT AFFECTED FY 1996 PRE MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN Q	PR106	TM1	FY-94 QTY AN	⊨	FY-95 QTY AN	<u>=</u>	FY-96 QTY AM	96 AMT	FY-97 QTY	97 AMT	FY-98 QTY	AMT
- RDT&E (3600) N/A	1	! !	! ! !	 	 	 						
OCUREMENT (3010) INSTALL KITS							9.4	4.6	34	1.0	34	4.4
KITS NONRECUR EQUIPMENT							(34)	23.5	(34)	6.3	(34)	3.5
EQUIP NONREC CHANGE ORDERS												
DATA SIM/TRAINER SUPPORT-EQUIP												
AIRCRAFI ISTALLATION OF HARDWARE FY96 34 KITS							(34)	3.0				
FY97 34 KITS FY98 34 KITS									(34)	2.	(34)	ø _.
FY99 34 KITS FY00 34 KITS FY01 34 KITS							 	1 1 1	 	 	 	1 1 1 1
TOTAL INSTALL COST	 	!	! ! !	! ! ! !	t 1 1 1 1	1 	34			1.2	34	ø _.
TOTAL COST (8P-1100)			à				34	35.9	34	8.5	34	5.5
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT INITIAL LEAD TIME 03 MOI	ON: INS INITIAL	TALLA	TION -	- DEPO-	DEPOT O3 MONTHS		FOLL	FOLLOW-ON LEAD TIME 03 MONTHS	EAD TII	Æ 0;	3 MONTH	v

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FACT SHEET; E-3 50001X	O1X EXTEN (CONTIN	EXTEND SENTRY (CONTINUED)								(CONT	(CONTINUED)						
		FY-9 Y	AMT	FY-00 0TY A	AMT								TO COMP	F	TOTAL QTY	AMT	
RDT&E (3600) N/A		 			:								,	•			
PROCUREMENT (3010) INSTALL KITS		34	4 .	34	4.2								34	£.3	204	15.7	
KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS		(34)	3 .5	(34)	9. 9.									e e		43.7	
DATA SIM/TRAINER SUPPORT-EQUIP																	
INSTALLATION OF HARDWARE FY96 34 KITS FY97 34 KITS															34) 34)	3.0 6.2 6.2	
9 9 9 9 9 4 4 4		(34)	ល់	(34)	r.								34)	.56.	34)	្ត ពេលល	
, IN		34		34	. S.								34	r.	204	6.3	
TOTAL COST (BP-1100)	· <u>-</u>	34	5.4	34	უ. ც								34	5.1	204	65.7	
MILESTONES:	FY-96	FY-97	FY	FY-98	FY-99		FY-00	Ε¥	FY-01								
CONTRACT-DATE (QTR/FY): DELIVERY-DATÉ (QTR/FY):	1/96 1/96	1/97	>>	1/98 1/98	1/99		1/00	>>	1/01		•.						
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 8 OUTPUT 8	FY-96 2 3 8 9	400	FY-97 1 2 8 8 8 8	97 3 9	4 O O	co co	F √ -98 2 3 8 9	400	- & &	F- 22 88 8	ი ი ი ი	4 0 0					
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 8 OUTPUT 8	FY-00 2 8 8 9	400	F-<	6 0 0	400												

*** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE RADAR SYSTEM IMPROVEMENT PROGRAM, MN-7266 CLC E-3 CLASS P MODIFICATION TITLE AND NO FY 1996 PRE

PTION/JUSTIFICATION: FUNDS CONCURRENT ACQUISITION AND RETROFIT OF THE RADAR SYSTEM IMPROVEMENT PROGRAM (RSIP) TO ENHANCE RADAR DETECTION, ECCM, AND IMPROVE AND EXPAND RADAR MAINTENANCE CAPABILITIES. RSIP WILL IMPROVE R&M AND PROVIDE ADDITIONAL COMPUTNG CAPACITY NEEDED FOR FUTURE RADAR IMPROVEMENTS. PE 27417F E-3B/C MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION:

DPMENT STATUS: FULL SCALE DEVELOPMENT CONTRACT AWARD SEP 89. HARDWARE CDR JAN 91, SOFTWARE CDR JUL 91. NOTE: INSTALLATION QUANTITY TO PROCUREMENT QUANTITY DIFFER BECAUSE OF SPACE AVAILABLE TO SHOW INSTALLS IN FYO3 (7 KITS) AND FYO4 (7 KITS). LRIP MILESTONE NOV 95. IOT&E AND FCAPCA TO COMPLETE DEC 95. DEVELOPMENT STATUS:

PROJECTED FINANCIAL PL	PLAN	6	, N	7	7 7 8	េ	FY-96	96	FY-97	97	FY-98	86
	OTY OT	⋖	ΔT Λ	AMT	QTY	AMT	QTY .	AMT	OTV.	AMT	οτγ 	AMT
RDT&E (3600)	 	15.4	l 	36.5		35.7		27.3				
PROCUREMENT (3010)							6	1 .5	8	4.	4	2.5
KITS NONRECUR							Ξ	20.6	(2)	22.7	(4)	36.8
EQUIP NONREC							Ξ	0.0 C		4		
CHANGE ORDERS					•			- 0		. 6		1.8
DATA								2.8				17.1
SUPPORT-EQUIP							•	e 6		ç		6.
AISF										9.0		. .
COMMODITY MOD		٠.						8.3				
ICS												
OGC TNSTALLATION OF HARDWARE	ш								5		(2)	0
FY96 2 KITS											(4))
FY97 2 KITS												
FYOO 8 KIIS												
		1	 	! ! !	1 1	1	1 1	1	1 1	1 1 1		1 1 1
TOTAL INSTALL COST	 										7	2.0
TOTAL COST (BP-1100)							7	49.6	7	53.2	4	6.99
METHOD OF IMPLEMENTAT	ION:	HATION: INSTALLATION INITIAL LEAD TIME	ATION .	DEPOT 24 MO	DEPOT 24 MONTHS		FOLL	FOLLOW-ON LEAD TIME	EAD TI	ME 2	24 MONTHS	ξ

	TO COMP TOTAL QTY AMT QTY AMT	114.9	20 00 01	? ?	129.0 319.5 6.0		0.01 0.00 0.00	34.9	1.8	(2) 2.0	34	(5) 1.5(5) 1.5	7.5(0)		13 4.0 21 7.8			- :	1/00 1/01 1/02 1/02 1/03 1/04	4	
(CONTINUED)																			FY-99	1/99	FY-01 2 3 3 1 2 1	٠
_																			FY-98	1/98	4-0	4 W W
																			FY-97	1/97	FY-00 2 1 1 1	FY-04 2 3 1 1 2 2
PROGRAM	OC AMT	! !		5.1	62.9		ը Ծ.	7.				•	¥.			1.2		73.8	FY-96	3/96 3/98	4	4-0
PROVEMENT	FY-00 T QTY	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		. 1	.5 (8)		ល	0:				9.	(\$)			.6 4		1.7 8	FY-95		FY-99 2 3	FY-03 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
RADAR SYSTEM IMPROVEMENT PROGRAM (CONTINUED)	FY-99 QTY AMT	1 1 1 1 1 1		2	(5) 44	•	•	.,				(2)				2	l	ស	FY-94	 	4	400 -00
																			FY-93	 	FY-98 2 3	FY-02 3 2 2 2 2 2
FACT SHEET; E-3 7266 PROJECTED FINANCIAL PLAN		RDT&E (3600)	COCCUEEMENT (3010)	INSTALL KITS	KITS NONRECUR FOUIPMENT	EQUIP NONREC	DATA SIM/TRAINER	SUPPORT-EQUIP	COMMODITY MOD			FY97 2 KITS		0 00	FYO1 7 KITS FYO2 6 KITS	TOOD LINETALL INTOL		TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

UNCLASSIFIED

	,	BODG	BUDGET ITEM JUS	JUSTIFICATION	z			DATE	
			(EXHIBIT P-40)	40)				FEBRUARY 1995	RY 1995
PPROPRIATION/BUDGET ACTIVITY	IDGET ACTIVI	ITY		P-1 ITI	P-1 ITEM NOMENCLATURE: E-4	TURE: E-4			
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICAT	UREMENT AF	"/AIRCRAFT M	ODIFICATIONS				٠		
		FY 1994	FY 1995	FY 1996	FY 1994 FY 1995 FY 1996 FY 1997	FY 1998	FY1999	FY2000 FY2001	FY2001
QUANTITY									
COST (In Mil)		\$10.400	\$34.983	\$.957	\$10.400 \$34.983 \$.957 \$1.634	\$13.481	\$6.635	\$8.159	\$4.215

This line item funds modifications to the E-4B aircraft. The four engine E-4 is a modified Boeing 747-200 airframe used in support with a survivable airborne command and control platform and gives the President ready access to the National Military Command of the mission of the National Emergency Airborne Command Post (NEACP). NEACP provides the National Command Authority System. The overall goal of the modifications budgeted in FY96 is to increase capability through installation of the NAVSTAR Global Positioning System. The specific modifications budgeted and programmed are attached.

67	
PAGE NO.	
P-1 SHOPP LIST	ITEM NO. 52
P-1 SHOP	

UNCLASSIFIED

* * *** UNCLASSIFIED

AIRCRAFT FY 1996 PROGRAM 9 MODIFICATION DATE 02/21/95 FY 1996 PRE

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC E-4 CLASS P IPTION/JUSTIFICATION: THE NAVSEL GLOBAL POSITIONING SYSTEM (GPS) PROVIDES WORLDWIDE THREE-DIMENSIONAL POSITIONING/NAVIGATION FOR MILITARY AIRCRAFT. THE SYSTEM IS COMPOSED OF THREE SEGMENTS; USER EQUIPMENT, SATELLITES AND A CONTROL NETWORK. SATELLITES BROADCAST HIGH-ACCURACY DATA SIGNALS WHICH ARE RECEIVED BY USER EQUIPMENT TO COMPUTE PLATFORM POSITION/VELOCITY AND PROVIDE STEERING VECTORS TO TARGET LOCATIONS. CONTROL SEGMENT DAILY UPDATES THE NAVIGATION MESSAGES BROADCAST FROM THE SATELLITES. 32015F PE NAVSTAR GPS, MN-3150 E-48 DESCRIPTION/JUSTIFICATION: MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: COMPLETE.

	PRIOR	FY-94	4	FY-95	95	FY-96	96	FY-97	97	FY-98	98
	⋖ !	Ċ	AMT	ΔT.	AMT	QΤΥ	AMT	QTY	AMT	710	AMI
RDT&E (3600) N/A	! ! ! ! ! !										
PROCUREMENT (3010)					•	•	(
INSTALL KITS		-	.7	-	9.	_	9.				
KITS NONRECUR		 .	9.	,	•	;	(
EQUIPMENT		Ξ	ო.	Ξ	m.	Ξ					
EQUIP NONREC		Ξ	4.0								
CHANGE ORDERS											
DATA			o. -								
SIM/TRAINER											
SUPPORT-EQUIP											
INSTALLATION OF HARDWARE						3	•				
FY94 2 KITS						(2)		(;	•		
FY95 1 KIT								=	¥.	Ξ	·
FY96 1 KIT			!	1	. !	1	1	1	t t		
TOTAL INSTALL COST	 	! ! ! !				7	ú	-	4.	-	
TOTAL COST (BP-1100)		81	8.6	-	<u>ල</u>	+	4.0		ς.		4
METHOD OF IMPLEMENTATION: INSTALLATION CONTRACTOR FACILITY INITIAL LEAD TIME 12 MONTHS	DN: INSTALLATION CONTRACTOF INITIAL LEAD TIME 12 MONTHS	LLATION - AD TIME -	- CONTI	RACTOR	FACILIT	ry FOLL(DW-ON L	EAD TII	FOLLOW-ON LEAD TIME 12 MONTHS	2 MONTE	÷.

(CONTINUED)

FACT SHEET; E-4 3150 PROJECTED FINANCIAL PLAN		NAVSTAR GPS (CONTINUED)					(CONTINUED)			
		FY-99 QTY A	AMT QTY AN	O AMT				TO COMP QTY AMT	TOTAL QTY	AMT
RDT&E (3600) N/A										
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT									ღ -	2.2 9.6 8.0
EQUIP NUNREC CHANGE ORDERS DATA SIM/TRAINER		·	s.	6.						4.
SUPPORT-EQUIP INSTALLATION OF HARDWARE FY94 2 KITS FY95 1 KIT FY96 1 KIT			!					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2)	000
TOTAL INSTALL COST		! ! ! !	1 1 1 1 1						4	o.
TOTAL COST (BP-1100)			6 .	6 .					4	11.3
MILESTONES:	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00			
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	4/95 4/95	4/95 4/96	4/96 4/97							
INSTALLATION SCHEDULE:	FY-96	4 -	FY-97 2 3	4	FY-98 2 3	4	FY-99 2 3 ,	4		
TUPNI	***	-	-	.**		-				٠.

*** UNCLASSIFIED

DATE 02/21/95

FY 1996 PRE

OF AIRCRAFT MODIFICATION

FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE IST UPGRADE, MN-3380

DESCRIPTION/JUSTIFICATION: ADDS UHF & EHF PROCESSORS, MODEMS, POWER AMPLIFIERS INPUT/OUTPUT DEVICES & ANTENNAS TO COMMAND POST AIRCRAFT PREVIOUSLY EQUIPPED WITH AFSATCOM SATELLITE COMMUNICATIONS TERMINALS. MOD WILL TRANSITION THESE TERMINALS TO FULL MILSTAR CAPABILITY ON BOTH EHF & UHF WILL ALLOW IMMEDIATE USE OF ON-ORBIT EHF TRANSPONDERS ON NAVY FLEET SATELLITES TO DISSEMINATE COMMAND MESSAGES IN A MORE JAM-RESISTANT MODE AND PERMIT THE USE OF MILSTAR SATELLITES IN AN EHF UPLINK/UHF DOWNLINK MODE. 33601F PE MILSTAR UHF/EHF COMMAND POST UPGRADE, MN-3380 E-4B MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: COMPLETE. TERMINALS WILL BE PROCURED UNDER THE LOW RATE INITIAL PRODUCTION CONTRACT.

AMT FY-98 FOLLOW-ON LEAD TIME -- 11 MONTHS OΤ AMT FY-97 OΤV AMT FY-96 ΩT -- CONTRACTOR FACILITY 2.5 ი ი о. 6 ±. ÷. ±. ∞. 7 AMT FY-95 Ξ <u>E</u> -- 36 MONTHS οTγ AMT FY-94 METHOD OF IMPLEMENTATION: INSTALLATION INITIAL LEAD TIME OΤ 9 5.6 2.8 24.6 1.3 œ. AMT PRIOR 7 PROJECTED FINANCIAL PLAN INSTALLATION OF HARDWARE TOTAL COST (BP-1100) TOTAL INSTALL COST PROCUREMENT (3010) RDT&E (3600) KITS NONRECUR CHANGE ORDERS SUPPORT-EQUIP INSTALL KITS EQUIP NONREC SIM/TRAINER FY95 3 KIT FY93 1 KIT EQUIPMENT SPARES DATA

	AMT	5.0	5.6 2.8 27.6	3.58 3.55	. 8	3.0	4.4.4			
	TOTAL QTY		8		(<u>6</u>)	4	8			
	TO COMP QTY AMT									
(CONTINUED)										
								FY-96		
ш								FY-95	3/95 4/96	
MILSTAR UHF/EHF COMMAND POST UPGRADE (CONTINUED)	OO AMT				1			FY-94	! ! ! !	4
F COMMAND	9 FY-00 AMT QTY A	! ! ! ! !			1			FY-93	3/95 3/96 3/96	FY-97 2 3
'AR UHF/EH IVED)	}6- ≻	! ! ! ! !						FY-90	3/93	4
				-			•	FY-89	2/90 2/93	FY-96 2 3
FACT SHEET; E-4 3380 PROJECTED FINANCIAL PLAN		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	CHANGE ORDERS CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP	INSTALLATION OF HARDWARE FY93 1 KIT	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

* * * *** UNCLASSIFIED

MODIFICATION

DATE 02/21/95

AIRCRAFT FY 1996 PROGRAM 9

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE ISS MN-3500

IPTION/JUSTIFICATION: THE BACKBONE COMMUNICATIONS BUSS PROVIDES THE CAPABILITY TO TRANSMIT AND RECEIVE CLASSIFIED AND UNCLASSIFIED VOICE, MESSAGE, DATA, AND VIDEO INFORMATION. THE BUSS IS COMPOSED OF FIBER OPTIC CABLES AND COMMUNICATIONS PORTS TO PROVIDE STATE-OF-THE-ART C3 SYSTEMS FOR ITS NATIONAL COMMAND AUTHORITY MISSION, THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AND FUTURE CONVENTIONAL C3 MISSIONS. 32015F PE BACKBONE COMMUNICATIONS BUSS, MN-3500 MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO FY 1996 PRE

NO RDT&E REQUIRED. DEVELOPMENT STATUS: NONE.

PROJECTED FINANCIAL PLAN

AMT FY-98 QΤΥ AMT FY-97 QTY AMT FY-96 Q۲ AMT FY-95 Q Y AMT FY-94 Q Z AMT PRIOR **0**T

7.4

RDT&E (3600) N/A

PROCUREMENT (3010) INSTALL KITS KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS DATA

SIM/TRAINER

SUPPORT-EQUIP INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT INTIAL LEAD TIME -- OG MONTHS

FOLLOW-ON LEAD TIME -- OG MONTHS

(CONTINUED)

BACKBONE COMMUNICATIONS BUSS (CONTINUED) FACT SHEET; E-4 3500 PROJECTED FINANCIAL PLAN

AMT AMT FY-99 QΤΥ

FY-00 QTY A

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS

SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

7.4

7.4

AMT

TOTAL QTY

AMT

TO COMP QTY AM1

MILESTONES:

FY-96 FY-95

CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

* * *** UNCLASSIFIED

OF AIRCRAFT FY 1996 PROGRAM MODIFICATION DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC E-4 CLASS P

SHF SATCOM, MN-3501

FY 1996 PRE

SECURE VOICE CIRCUITS. IT ADDS A DSCS FREQUENCY DIVISION MULTIPLE ACCESS (FDMA) CAPABILITY, SECURE VOICE CIRCUITS. IT ADDS A DSCS FREQUENCY DIVISION MULTIPLE ACCESS (FDMA) CAPABILITY, MODIFIES THE SPREAD SPECTRUM MODULATION EQUIPMENT, ADDS A STATE-OF-THE-ART MULTIPLEXER CONFIGURATION, DSCS MODEM, LOW NOISE AMPLIFIERS, HIGH POWER AMPLIFIERS, AND OTHER SUPPORT EQUIPMENT. THE INCREASED E-4 COMMUNICATIONS ABILLITY WILL INCREASE OPERATING RANGE AND MISSION FLEXIBILITY AS WELL AS SUPPORT THE SECDEF EXECUTIVE AIRLIFT REQUIREMENT. 32015F ÞΕ MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO

NO RDT&E REQUIRED DEVELOPMENT STATUS: NONE.

AMT FY-98 Q T AMT Ω AMT FY-96 οT AMT FY-95 QT. AMT FY-94 QTY AMT PRIOR 77 PROJECTED FINANCIAL PLAN

RDT&E (3600) N/A

SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE PROCUREMENT (3010) INSTALL KITS KITS NONRECUR CHANGE ORDERS EQUIP NONREC EQUIPMENT DATA

TOTAL INSTALL COST

TOTAL COST (BP-1100)

FOLLOW-ON LEAD TIME METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- 6 MONTHS

MONTHS

(CONTINUED)

SHF SATCOM (CONTINUED) FACT SHEET; E-4 3501 PROJECTED FINANCIAL PLAN

AMT FY-00 ۵T۲ FY-99

QTY AMT

SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE RDT&E (3600) N/A PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS

TOTAL COST (BP-1100)

TOTAL INSTALL COST

MILESTONES:

FY-95

2/95 3/95 CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE: QUARTERS INPUT

AMT TO COMP QTY AM1

TOTAL QTY

5.9

506

FACT SHEET; E-4 99999S SERVICE BULLETINS PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

		FY-99 QTY AM	AMT QTY AM	OO AMT				70 710	COMP AMT	TOTAL QTY AI	AMT
RDT&E (3600) N/A											
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT						·					
EQUIP NONREC CHANGE ORDERS DATA			•								
SIM/TRAINER Support-Equip Aircraft			1 .9								13.0
INSTALLATION OF HARDWARE				1				! ! !	 	1	
TOTAL COST (BP-1100)			6.1								13.0
MILESTONES:	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	1 1 1 1	 									

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

UNCLASSIFIED

		BUDG	BUDGET ITEM JUS (EXHIBIT P	JUSTIFICATION IT P-40)				DATE FEBRUARY 1995	RY 1995
APPROPRIATION/BUDGET ACTIVITY	ET ACTIVI	Ţ		P-1 ITE	P-1 ITEM NOMENCLATURE: H-1	rure: H-1			
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATION	EMENT AF	HAIRCRAFT M	ODIFICATIONS	9					
		FY 1994	FY 1994 FY 1995 FY 1996	FY 1996	FY 1997	FY 1997 FY 1998 FY1999	FY1999	FY2000 FY2001	FY2001
QUANTITY									
COST (In Mil)		\$0.09	\$0.0	\$6.160	\$5.462	\$0.0	\$0.0	\$0.0	\$0.0

missile site and range support and distinguished visitor airlift support. The specific modifications budgeted and programmed are This line item funds modifications to the UH-1N aircraft. The two engine UH-1N is a light-lift, utility helicopter primarily used for attached.

PAGE NO.

P-1 SHOPP LIST ITEM NO. 63

508

UNCLASSIFIED

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC H-1 CLASS P MODIFICATION OF AIRCRAFT FY 1996 PROGRAM NAVSTAR GPS, MN-3150 MODIFICATION TITLE AND NO DATE 02/21/95 FY 1996 PRE

DESCRIPTION/JUSTIFICATION: PROVIDES USER WITH GLOBAL POSITIONING WITH PIN POINT ACCURACY USING CONSTELLATION SATELLITES WITH WORLD-WIDE COVERAGE. PE 11235F UH-1N MODELS OF AIRCRAFT AFFECTED

DEVELOPMENT STATUS: N/A.

FY-98 AMT FY-97 QTY AMT FY-96 ٥T AMT FY-95 QΤγ AMT FY-94 **0**T AMT PRIOR ٥T PROJECTED FINANCIAL PLAN

X X RDT&E (3600)

ນ ໝ . 62 (63) PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIP NONREC CHANGE ORDERS EQUIPMENT DATA

SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY95 G3 KITS

8.2 TOTAL COST (BP-1100) TOTAL INSTALL COST

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM INITIAL LEAD TIME -- 15 MONTHS

(63)

2.3 63

2.3

FOLLOW-ON LEAD TIME -- 15 MONTHS

AMT

	TO COMP TOTAL QTY AMT QTY A		62	(69)	63	69			
(CONTINUED)									
NAVSTAR GPS (CONTINUED)	FY-99 FY-00 , QTY AMT QTY AMT		·				FY-95 FY-97	1/96 2/97	FY-97 2 3 4 15 16 32 15 16 32
FACT SHEET; H-1 3150 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS	SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY95 63 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: F QUARTERS 1 INPUT 1

10.5

2.3

DATE 02/21/95

FY 1996 PRE

OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE OLC H-1 CLASS P CLC H-1 FLEXPLATE MAIN DRIVESHAFT, MN-T8123

IPTION/JUSTIFICATION: MOD WILL REPLACE EXISTING MAIN DRIVESHAFT (MDS) WITH A PROVEN, NONLUBRICATED FLEXOR FAIL PASSIVE DESIGN MDS. MOD REQUIRES AN UPGRADE TO THE T400-CP-400 COMBINING GEARBOX (CGB) AS WELL AS MODIFIED ENGINE FIREWALLS. OVER THE PAST SEVERAL YEARS MILITARY HH/UH-1NS (AF/NAVY) HELICOPTERS HAVE EXPERIENCED RELATED CLASS A MISHAPS DIRECTLY ATTRIBUTABLE TO FAILURE OF THE MDS SPLINED COUPLING. BOTH SHAFT MISALIGNMENT AND LOSS OF LUBRICATION HAVE BEEN IDENTIFIED AS THE MOST PROBLABLE CAUSE OF THESE FAILURES. PE 11235F UH-1N HELICOPTERS MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO

THE NAVY IS PRIMARY INVENTORY CONTROL AGENCY (PICA) FOR THE MDS AND ALL DESIGN COMENT CTATIIS.

DEVELOPMEN STATUS: ENGINEERING HAY DONE BY THE NA	HAS BEEN ACCOMPLISHED BY THAT SERVICE. TRIAL INSTALL AND KIT PROOF IS ALSO BEING NAVY.	CCOMPL	ISHED B	Y THAT	SERVICE	E. TRI	AL INS	TALL AN	D KIT	PROOF I	S ALSO	BEING	
PROJECTED FINANCIAL	L PLAN PRIOR	80	FY-94		FY-95	ຄ	FY-96	96	FY-97	97	FY-98	86	
	QTV	QTY AMT	QTY AMT QTY AMT	AMT	OTY	AMT	φTγ	QTY AMT QTY AMT QTY AMT QTY AMT QTY	0TY	AMT	OTY AMT	AMT	
RDT&E (3600) N/A	 -												
ROCUREMENT (3010)							Ś	40 1 2 23	6	7			

FOLLOW-ON LEAD TIME 9 MONTHS	6	ND TIME	-ON LEA	FOLLOW	METHOD OF IMPLEMENTATION: INSTALLATION DEPOT/FIELD TEAM INITIAL LEAD TIME 12 MONTHS
	3.1	23	5.9	4 +	TOTAL COST (BP-1100)
	φ	64			
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4. 2.	(23)	!	1 1 1 1	FY96 41 KITS FY97 23 KITS
	•				INSTALLATION OF HARDWARE
			÷.5	(20)	MOD OF SPARES
			- . *		SIM/TRAINER
			•		DATA
					CHANGE ORDERS
					COLLINE COLLEGE
	α-	(24)	3 4 (24)	- (3	KITS NONRECUR
•	۲.	23	- 2. +	6.	INSTALL KITS

(CONTINUED)

T8123 FLEXPLATE MAIN DRIVESHAFT PLAN (CONTINUED)	OC-73
FACT SHEET; H-1 T8123 FLEXPLATE N PROJECTED FINANCIAL PLAN (CONTINUED)	

8	AMT	1 1 1 1 1
FY-00	QT√	1 1 1 1
66	AMT	1 1 1 1 1
FY-99	QTY	1 1 1

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
MOD OF SPARES
INSTALLATION OF HARDWARE
FY96 41 KITS
FY97 23 KITS

MILESTONES: FY-97

TOTAL COST (BP-1100)

TOTAL INSTALL COST

FY-98

CONTRACT-DATE (QTR/FY): 1/96 1/97

DELIVERY-DATE (QTR/FY): 1/97 3/97

INSTALLATION SCHEDULE: FY-97 FY-98

QUARTERS 1 2 3 4 1 2

INPUT 16 16 16 16 16

OUTPUT 16 16 16 16

AMT	e. 4 e. e.	.	4.0	9.	0.6
TOTAL QTY	63		41)	64	. 64
TO COMP QTY AMT					

UNCLASSIFIED

		BUDGI	BUDGET ITEM JUS (EXHIBIT P	I JUSTIFICATION BIT P-40)				DATE FEBRUARY 1995	XY 1995
PPROPRIATION/BUDGET ACTIVITY	UDGET ACTIV	IΤ		P-1 ITE	P-1 ITEM NOMENCLATURE: H-60	TURE: H-60			
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICAT	CUREMENT A	-/AIRCRAFT M	ODIFICATIONS						
		FY 1994	FY 1995	FY 1996	FY 1997	FY 1995 FY 1996 FY 1997 FY 1998 FY1999	FY1999	FY2000	FY2001
QUANTITY			•						
COST (In Mil)		\$26.076	\$0.304	\$0.0	\$7.349	\$7.349 \$5.171 \$6.067	\$6.067	\$10.444 \$11.668	\$11.668

This line item funds modifications to the MH-60 helicopter. The MH-60 is a twin engine, aerial refuelable helicopter capable of performing combat search and rescue missions day or night. The overall goal of the modifications budgeted in FY96 is to upgrade the defensive systems and provide enhanced communications. The specific modification budgeted and programmed is attached.

	CLASSIFIED
ITEM NO. 64	ONO

P-1 SHOPP LIST

*** UNCLASSIFIED

DATE 02/21/95

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

MN-3150 NAVSTAR GPS,

DESCRIPTION/JUSTIFICATION: UPGRADES RESCUE MH-60G PAVE HAWKS WITH NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) AND INTEGRATES GPS WITH A DIGITAL DOPPLER/INS NAV SUITE AND UPDATES SYSTEM WITH ENGINEERING CHANGE PROPOSAL (ECP) CMC-882-011. NAVSTAR GPS PROVIDES WORLDWIDE THREEDIMENSIONAL POSITIONING/NAVIGATION FOR MILITARY AIRCRAFT. APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC MH-60 CLASS P 44102F PE HH-60G MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO FY 1996 PRE

DEVELOPMENT STATUS: ECP DEVELOPED BY CANADIAN MARCONI CORPORATION TO CORRECT THROUGHPUT AND MEMORY DEFICIENCIES IDENTIFIED DURING IDENTIFIED DURING NAVSTAR GPS 0T&E/00T&E.

PROJECTED FINANCIAL PLAN	AN PRIOR	<u>α</u>	FY-94	46	FY-95	22	FY-96	96	FY-97	97	FY-98	86
	φTγ	AMT	ΩTΥ	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)	! ! ! !	4.4										
PROCUREMENT (3010)	,											***
INSTALL KITS KITS NONRECUR	25	- 5										
EQUIPMENT		6.9										
EQUIP NONREC												
CHANGE ORDERS				2.5		5.0						
DATA		е.		6								
SIM/TRAINER		4 .										
SUPPORT-EQUIP												
SOFTWARE NONR				ი.								
INSTALLATION OF HARDWARE												
FY90 15 KITS (15)											
FY91 10 KITS (<u></u>	9							1	!		1
TOTAL INSTALL; COST	25	9.] 	! ! ! !	1 	 	t 	 		1 1 1 1 1 1		
TOTAL COST (BP-1100)	25	11.4		3.0		2.0						
METHOD OF IMPLEMENTATION: INSTALLATION DEPOT INITIAL LEAD TIME OO MOI	ON: II	NSTALLA L LEAD	TION -	- DEPOT - OO MONTHS	NTHS		FOLL	FOLLOW-ON LEAD TIME 02 MONTHS	AD TIM	E 0;	2 MONT+	ā.

NAVSTAR GPS (CONTINUED)

FACT SHEET; MH-60 3150 PROJECTED FINANCIAL PLAN

(CONTINUED)

		FY-'99 QTY AM	FY-00	O AMT				TO COMP QTY AMT	TOTAL QTY	AMT
RDT&E (3600)				! !					1 1 1 1 1	1.4
PROCUREMENT (3010)									25	1.2
KITS NONRECUR										6.9
EQUIP NONREC CHANGE ORDERS				<u>-</u>						4 ए.
SIM/TRAINER SIMPORT-FOUTP										2.4
SOFTWARE NOWR INSTALLATION OF HARDWARE FY90 15 KITS FY91 10 KITS									(5) (0)	9 1 !
TOTAL INSTALL COST		1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1					25	9.
TOTAL COST (BP-1100)									25	16.4
MILESTONES: CONTRACT-DATE (QTR/FV): DELIVERY-DATE (QTR/FY):	FY-89	FY-90 1/91 1/92	FY-91 3/91 3/92	FY-92	FY-94 3/94 3/95	7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -				
INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	FY-92 2 2 2	4-0	FY-93 2 3 1 4 4	4 + + + 6 4	FY-94 2 3 3 4 1 2 2	4 to to	FY-95 2 3 4 3			
INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	FY-96 2 3	4					·			

DATE 02/24/95

ICATION OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE MN-DSU CLC MH-60 CLASS P

DESCRIPTION/JUSTIFICATION: MODIFIES THE HH-GOG DEFENSIVE SYSTEMS REQUIRED TO IMPROVE COMBAT RESCUE CAPABILITY IN AN INCREASED THREAT ENVIRONMENT. MODIFICATIONS INSTALL ENHANCED CHAFF FLARE DISPENSERS IN OPTIMIZED CONFIGURATION, MISSILE WARNING CAPABILITY, AND INTEGRATE THESE SYSTEMS WITH CURRENTLY INSTALLED AN/APR-39A(V)1 RADAR WARNING RECEIVER. SYSTEM WILL IMPROVE WEAPON SYSTEM SURVIVABILITY BY PROVIDING AUTOMATED RESPONSE AS WELL AS MANUAL LAUNCH CAPABILITIES. PE 44102F DEFENSIVE SYSTEMS UPGRADE, MN-DSU HH-60G MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO FY 1996 PRE

DEVELOPMENT STATUS: ENGINEERING INITIATED WITH PREVIOUS EFFORT. AIRFRAME INTEGRATION AND SYSTEM

PROJECTED FINANCIAL FLAN		1	2	EV-01	1	80°	~	66-74	•
	PRIOR Y AMT	FY-95 QTY AMT	OTY AMT	017	AMT	017 017	AMT	0TY	AMT
RDT&E (3600) N/A	1								
PROCUREMENT (3010)				4	(1	•	r	· U
INSTALL KITS				∞	Θ.	n	4.	-	C.
KITS NONRECUR				(8)	2.1	(2)	4.4	(7)	6.
EQUIP NONREC									
CHANGE ORDERS									
DATA							U		U
SIM/TRAINER									?
SUPPORT-EQUIP									
NSTALLATION OF HARDWARE						(3)	•		
FY97 8 KITS						(8)	4.	(=)	c
FY98 5 KITS								(6)	
FY99 7 KITS									
FYOO 15 KITS					1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 1	1
TOTAL INSTALL COST	! ! ! !					α	4	ល	
TOTAL COST (RD-1100)				σ,	2.7	រេ	2.7	7	3.2

DEFENSIVE SYSTEMS UPGRADE (CONTINUED)

FACT SHEET; MH-60 DSU PROJECTED FINANCIAL PLAN

(CONTINUED)

RDT&E (3600) N/A PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIPMENT EQUIPMENT EQUIPMENT CHANGE ORDERS DATA SIMPTRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY97 8 KITS FY99 5 KITS FY99 7 KITS FY99 7 KITS TOTAL INSTALL COST TOTAL COST (8P-1100)	9 6 1	(7) (7) (7) (7)	AMT QTY 1.1 1.1 4.0 8 (15) 8 15 5.9	8	F	F - 0 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		TO COMP QTY AMT	35 35 35 15) 15)	AMT 2 . 6 4 . 0
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY): INSTALLATION SCHEDULE: FY-96 QUARTERS 1 2 INPUT OUTPUT INSTALLATION SCHEDULE: FY-OO QUARTERS 1 2 AURTERS 1 2 INPUT OUTPUT	8 8 E EE4	4 4 6 + + FD	FY-97 2 - 97 2 - 04 5 5 5	4 4 70 +	F 4 - 98 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 .	F			· .

DATE 02/24/95

ICALIUN OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE ENHANCED COMMUNICATIONS/NAVIGATION, MN-EC/N CLC MH-60 CLASS P

IPTION/JUSTIFICATION: MODIFIES THE HH-60G AN ENHANCED COMMUNICATIONS/NAVIGATION (EC/N) SYSTEM TO INCLUDE SATCOM, COCKPIT INTEGRATION AND NVG COMPATIBLE COCKPIT LIGHTING. EC/N WILL PROVIDE SATCOM COMMUNICATIONS CAPABILITY REQUIRED FOR INTEGRATION INTO THE MODERN BATTLEFIELD COMMAND, CONTROL, AND COMMUNICATIONS NETWORK. THE COCKPIT INTEGRATION PORTION OF THE MODIFICATION CORRECT HUMAN FACTORS DEFICIENCIES INHERENT IN THE ORIGINAL HH-60G GPS-NAVIGATION UPGRADES MODIFICATION. REQUIRED NVG COMPATIBLE LIGHTING WILL BE PROVIDED BY THE ELIMINATION OF UNLIGHTED COMM/NAV EQUIPMENT CONTROL HEADS WITH THE COCKPIT INTEGRATION EFFORT. ADDITIONALLY, NON-COMPATIBLE LIGHTED PANELS AND CONTROLS WILL BE MODIFIED TO COMPLY WITH NVIS SPEC A STORD. 44102F PE HH-60G MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO FY 1996 PRE

THE EC/N WILL INTEGRATE NEW SATCOM DEVELOPMENT STATUS: NO ENGINEERING COMPLETED AT THIS TIME.

CAPABILITY AS WELL AS EXISTING COMM/NAV EQUIPMENT INTO HH-60G CONTROL DISPLAY UNITS VIA THE EXISTING 1553B DATA BUS ARCHITECTURE.	WELL AS Data Bu	EXISTIN IS ARCHI	IG COMM	/NAV EGE.	OUI PMEN	T INTO	909-HH	CONTRO	L DISP	LAY UN	ITS VIA	THE	
PROJECTED FINANCIAL PLAN	PLAN PRIOR QTV	AN PRIOR FY-95 FY-96 FY-97 FY-98 FY-99 QTY AMT QTY AMT QTY AMT QTY AMT	FY-95 QTY	95 AMT	FY-96 QTY	96 AMT	FY-97 QTY	.97 AMT	FY-98 QTY	98 AMT	FY-99 QTY	99 AMT	

RDT&E (3600) N/A

PROCUREMENT (3010)						
INSTALL KITS	80	9.	ល	4.	7	ت
KITS NONRECUR						
EQUIPMENT	(8)	8.	(2)	4.2	(1)	1 .6
EQUIP NONREC						
CHANGE ORDERS						
DATA						
SIM/TRAINER						
SUPPORT-EQUIP				س		ت
INSTALLATION OF HARDWARE						
FY97 8 KITS			(8)	4.		
FY98 5 KITS					(2)	ღ.
FY99 7 KITS						
FY00 15 KITS	•					
					1 11111	
TOTAL INSTALL COST			80	4.	ស	ღ.
TOTAL COST (BP-1100)	80	4.2	ນ	2.5	7	2.9
METHOD OF IMPLEMENTATION: INSTALLATION CONTRACT FIELD TEAM INITIAL LEAD TIME 6 MONTHS	EAM Follov	FOLLOW-ON LEAD TIME 6 MONTHS	TIME	9	MONTHS	

			*	*** UNCLASSIFIED	Sirieu ***					
FACT SHEET; MH-60 EC/N PROJECTED FINANCIAL PLAN		CED COMI UED)	ENHANCED COMMUNICATIONS/NAVIGATION (CONTINUED)	NAVIGATION		נט	(CONTINUED)			
		FY-00 QTY	D FY-01 AMT QTY A	O1 AMT				TO COMP QTY AMT	TOTAL QTY	AMT
RDT&E (3600) N/A			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1		•		1 1 2 2 3 4 4 1 1 1 1	 	
PROCUREMENT (3010) INSTALL KITS		1 5	. .						32	2.6
KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS		(15)	o. e			•				7.6
DATA SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE									88	0. 4.
FY97 8 KITS FY98 5 KITS FY99 7 KITS FY00 15 KITS			.4 (15)	60 1				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	15)	w. 4. w. !
TOTAL INSTALL COST		7	.4 15	&					35	. 6.
TOTAL COST (BP-1100)		15	4.5	œ.					32	13.1
MILESTONES:	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01				•
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):										
INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	FY-96 2 3	4	FY-97	4	FY-98 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 +	FY-99 2 3 4 5 5			• .
INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	FY-00 2 4 4 3	4 € + ₹	74 - 01 20 20 20 20 20 20 20 20 20 20 20 20 20 2	4 ro						

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM DATE 02/24/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC MH-60 CLASS P MODIFICATION TITLE AND NO

AN/AAQ-16B FLIR, MN-FLIR

MODELS OF AIRCRAFT AFFECTED

DESCRIPTION/JUSTIFICATION: PURCHASES AN/AAQ-16 GROUP B REQUIRED TO EQUIP 25 HH-60GS WITH FLIR CAPABILITY. 44 102F PE HH-60G

THE HH-GOG IS MODIFIED TO ACCEPT THE Q-16 FLIR WITH GPS-NAVIGATION UPGRADE NO ADDITIONAL DEVELOPMENT OR MODIFICATION REQUIRED. DEVELOPMENT STATUS: MODIFICATION.

PROJECTED FINANCIAL PLAN

AMT FY-97 ΩŢ AMT FY-96 QΤ AMT FY-95 QTY AMT PRIOR **0**T∀

AMT

QTY

AMT

FY-98 QTY

RDT&E (3600) N/A

SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIP NONREC CHANGE ORDERS EQUIPMENT DATA

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- 6 MONTHS

FOLLOW-ON LEAD TIME -- 6 MONTHS

ന

FACT SHEET: MH-60 FLIR PROJECTED FINANCIAL PLAN	9	AN/AAQ-16B FLIR ONTINUED)				(CONTINUED)			
		FY-00 QTY AMT	FY-01 QTY AN	AMT			TO COMP QTY AMT	TOTAL QTY	AMT
RDT&E (3600) N/A									
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA	·		1	10.1				11	12.3
SUPPORT-EQUIP INSTALLATION OF HARDWARE		1 1 1 1	;	;			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1	1 1 1 1 1
TOTAL INSTALL COST								ţ	ç
TOTAL COST (BP-1100)			4	10.1		•		=	5.3
MILESTONES:	FY-97	FY-98	FY-99	FY-00	FY-01				
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	2/97	 							***
INSTALLATION SCHEDULE:									

QUARTERS INPUT OUTPUT

* *** UNCLASSIFIED

DATE 02/21/95

AIRCRAFT FY 1996 PROGRAM OF. MODIFICATION

509-HH

IPTION/JUSTIFICATION: TO MANUFACTURE GROUP A AND INSTALL -132 EQUIPMENT ON TEN 1981/82 MODEL AIRCRAFT AND PROCURE THREE OF GROUP B (7.62 MINIGUN PENTILE MOUNT, FEEDER DELINKERS, AND LIGHT AIRBORNE RECOVERY SYSTEM (LARS). MANUFACTURE GROUP A AND INSTALL WR-ALC/LUH ECP 94-1 FOR LARS ON FOURTEEN 1988, EIGHT 1989, TWO 1990, FOUR 1991, AND TWO 1992 MODEL AIRCRAFT. MANUFACTURE AND INSTALL WR-ALC/LUH ECP 94-5 TO CORRECT HOIST SYSTEM DEFICIENCIES AND WR-ALC/LUH ECP 94-6 TO CORRECT NUMBER ONE VHF FM ANTENNA DEFICIENCIES. CLASS P APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC MH-60 44102F ם HH-60G RETROFIT, MN-T8130 MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO FY 1996 PRE

DEVELOPMENT STATUS: GROUP B ALREADY PROCURED EXCEPT FOR FIFTEEN 7.62 PENTILE, FIFTY-SIX FEEDER DELINKERS, AND EIGHTEEN LARS. ENGINEERING IS COMPLETE ON WR-ALC/LUH ECPS 94-1, 94-5, AND 94-6.

DELINERS, AND	UELINAERS, AND CIGHTEN CARS. CIGHTEN CARS.					
PROJECTED FINANCIAL PLAN	PLAN PRIOR QTY AMT	FY-94 QTY AMT	FY-95 QTY AMT	FY-96 QTY AMT	AN PRIOR FY-94 FY-95 FY-96 FY-97 QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT CTY AMT QTY A	FY-98 QTY AMT
RDT&E (3600) N/A						
PROCUREMENT (3010) INSTALL KITS		72 3.7				
KITS NONRECUR EQUIPMENT		(72) 2.3				

FOLLOW-ON LI		NTHS	- DEPOT	ON: INSTALLATION DEPOT INITIAL LEAD TIME O MONTHS	METHOD OF IMPLEMENTATION: INSTALLATION DEPOT INITIAL LEAD TIME O MOI
	ю _.		11.0	72	TOTAL COST (BP-1100)
	е.	35	4 .9		TOTAL INSTALL COST
\$ 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		4.9 (35)		(37)	INSTALLATION OF HARDWARE FY94 72 KITS
					SIM/TRAINER SUPPORT-EQUIP
			- .		DATA
					EQUIP NONREC
			20	(72)	EQUIPMENT
			1		KITS NONRECUR
			3.7	72	INSTALL KITS
			1		PROCUREMENT (3010)

MONTHS N 1 FOLLOW-ON LEAD TIME (CONTINUED)

FACT SHEET; MH-60 T8130 HH-60G RETROFIT PROJECTED FINANCIAL PLAN (CONTINUED)

AMT FY-00 QTY AI QTY AMT FY-99 QTY A

RDT&E (3600) N/A

SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY94 72 KITS PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

FY-94 1/94 1/94 CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

FY-95

30 4 ლ **ი** FY-94 2 4 INSTALLATION SCHEDULE:
QUARTERS 1
INPUT 1
OUTPUT

FY-95 4 أن ق

AMT	3.7	2.3	- .	5.2	5.2	11.3
P TOTAL AMT QTY	72			(72)	7.2	72
TO COMP QTY AN					; ; ; ; ; ; ;	

2.3

3.7

11.3

5.2 5.2

* *** UNCLASSIFIED

ICATION OF, AIRCRAFT FY 1996 PROGRAM MODIFICATION DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE -T8136 CLC MH-60 CLASS P UHF SATCOM/ANDVT/DAMA, MN-T8136 FY 1996 PRE MODIFICATION TITLE AND NO

DESCRIPTION/JUSTIFICATION: ACQUIRES PORTABLE AIRCRAFT UHF SATCOM SYSTEMS FOR USE ON THE HH-60G. PROVIDES BEYOND-LINE-OF-SIGHT COMMUNICATIONS CAPABILITY REQUIRED FOR CONTINGENCY OPERATIONS GROUP B ONLY REQUIRED. PE 44102F HH-60G MODELS OF AIRCRAFT AFFECTED

DEVELOPMENT STATUS: AIRCRAFT EQUIPPED WITH GROUP A.

AMT FY-98 AMT ٥T AMT FY-96 OΤV AMT FY-95 QTY A AMT FY-94 ΩT AMT PRIOR PROJECTED FINANCIAL PLAN

RDT&E (3600) N/A

PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT

CHANGE ORDERS EQUIP NONREC DATA

4.4

20

ď

SIM/TRAINER

SUPPORT-EQUIP INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

2

FOLLOW-ON LEAD TIME -- O METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- 6 MONTHS

MONTHS

(CONTINUED)

UHF SATCOM/ANDVT/DAMA (CONTINUED) FACT SHEET; MH-60 T8136 PROJECTED FINANCIAL PLAN (

AMT FY-00 ٥T QTY AMT FY-99 QTY AN

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

TOTAL INSTALL COST

4.6

...0

4.4

20

AM⊤

TOTAL QTY

AMT

TO COMP

TOTAL COST (BP-1100)

MILESTONES:

4/94 2/95 CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

FY-94

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

*** UNCLASSIFIED

DATE 02/21/95

FY 1996 PRE

AIRCRAFT FY 1996 PROGRAM OF MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE IMPROVED INTERCOM SYSTEM (ICS), MN-T8171 CLC MH-60 CLASS P

DESCRIPTION/JUSTIFICATION: MODIFIES THE HH-60G WITH AN IMPROVED ICS TO CORRECT DEFICIENCIES DURING INITIAL AIR FORCE UH-60A FOT&E AND HH-60G QT&E/QOT&E. THE SYSTEM PROVIDES INCREASED VOLUME NECESSARY DURING SURVIVOR HOIST RECOVERIES AND WEAPONS FIRING. THE SYSTEM ALSO PROVIDES ADDITIONAL CAPABILITY TO ACCOMMODATE THE HH-60G COMMUNICATION SUITE. 44102F PE HH-60G MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: ENGINEERING FOR THE IMPROVED ICS COMPLETE. THE SYSTEM IS IN OPERATIONAL USE ON AIR FORCE MH-60GS.

PROJECTED FINANCIAL PLAN

FY-98 QTY AMT FY-97 OΤ AMT FY-96 QΤ AMT FY-95 ΩT AMT FY-94 0T Y AMT PRIOR

AMT

RDT&E (3600) N/A

PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT

EQUIP NONREC

3.5

9

CHANGE ORDERS DATA

SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE

TOTAL INSTALL COST

8 TOTAL COST (BP-1100) ORG/INTERMEDIATE METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERN INTIAL LEAD TIME -- 2 MONTHS

3.5

MONTHS 0 ¦ FOLLOW-ON LEAD TIME

IMPROVED INTERCOM SYSTEM (ICS) (CONTINUED) FACT SHEET; MH-60 T8171 PROJECTED FINANCIAL PLAN

AMT FY-00 QΤΥ FY-99

AMT QΤΥ

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

TOTAL COST (BP-1100) TOTAL INSTALL COST

MILESTONES:

FY-94

4/94 1/95 CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE: QUARTERS

INPUT

(CONTINUED)

AMT TOTAL QTY AMT TO COMP QTY 3.2 8

3.2

90

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UNCLASSIFIED

		BUDGE	BUDGET ITEM JUSTIFI (EXHIBIT P-40)	JUSTIFICATION				DATE FEBRUARY 1995	RY 1995
APPROPRIATION/BUDGET ACTIVITY AIDCDAET BEOCH DEMENT ACAIDCDAET MODIFICATIONS	GET ACTIVI	TY	ODIEL A TIONS		M NOMENCLA	P-1 ITEM NOMENCLATURE: Other Aircraft	rcraft		
		FY 1994	FY 1995	FY 1996	FY 1997	FY 1994 FY 1995 FY 1996 FY 1997 FY 1998 FY1999	FY1999	FY2000 FY2001	FY2001
QUANTITY									
COST (In Mil)		\$71.935	\$40.5	\$29.433	\$40.724	09 \$29.433 \$40.724 \$16.299 \$61.149 \$90.270 \$127.558	\$61.149	\$90.270	\$127.558

year. The overall goal of the modifications budgeted in FY 1996 is to enhance capability and improve reliability and maintainability. This line item funds modifications that apply to multiple weapon systems and weapon systems funded at less than \$2 million per The specific modifications budgeted and programmed are attached.

8 C L		
PAGE NO.		
P-1 SHOPP LIST ITEM NO. 56	_	
-		

UNCLASSIFIED

DATE 02/21/95

AIRCRAFT FY 1996 PROGRAM P MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE , MN-SIM-10 SIMULATOR UPGRADE (KC-10), MN-SIM-10 FY 1996 PRE MODIFICATION TITLE AND NO

DESCRIPTION/JUSTIFICATION: THIS MOD WILL REPLACE THE EXISTING COMPUTER IN THE KC-10 SIMULATORS WITH NEW STATE-OF-THE-ART COMPUTERS. THE OLD COMPUTERS ARE SATURATED AND NEED TO BE REPLACED BEFORE FUTURE AIRCRAFT CONCURRENT MODIFICATIONS CAN BE INCORPORATED. PE 41897F KC-10 MODELS OF AIRCRAFT AFFECTED

DEVELOPMENT STATUS: NONE REQUIRED.

AMT QTY AMT FY-95 0T√ AMT FY-94 QΤΥ AMT PRIOR ٥T PROJECTED FINANCIAL PLAN

FY-98

οTγ

AMT

QΤΥ

RDT&E (3600) N/A

PROCUREMENT (3010) INSTALL KITS KITS NONRECUR CHANGE ORDERS DATA EQUIP NONREC EQUIPMENT

က SUPPORT-EQUIP INSTALLATION OF HARDWARE SIM/TRAINER

9.0

7.

TOTAL INSTALL COST

. T ო TOTAL COST (BP-1100) ION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- 12 MONTHS METHOD OF IMPLEMENTATION: INSTALLATION

FOLLOW-ON LEAD TIME -- 12 MONTHS

FACT SHEET; OTHER SIM-10 SIMULATOR UPGRADE (KC-10) PROJECTED FINANCIAL PLAN (CONTINUED)

AMT FY-00 QTY A AMT

FY-99 QTY A

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS

SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

FY-93 FY-92

FY-96

FY-95

4/94 4/95 FY-94 4/944/95 1 1 1 4/944/95 CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE: QUARTERS INPUT QUTPUT

(CONTINUED)

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AMT

TOTAL QTY

AMT

TO COMP QTY AM

4 ល

* * *** UNCLASSIFIED

OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

DATE 02/21/95

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC OTHER CLASS P

MODELS OF AIRCRAFT AFFECTED

IPTION/JUSTIFICATION: REPLACES EXISTING RADAR ALTIMETER ON A VARIETY OF AIRCRAFT WITH A NEW STANDARD COMBINED ALTITUDE RADAR ALTIMETER WHICH HAS NOMINAL SPECIFICATION MEAN TIME BETWEEN FAILURE (MTBF) OF 2000 HOURS. IT WILL BE A DIRECT REPLACEMENT ON ALL BUT THE C-130 AND A-7 AIRCRAFT, WHICH WILL REQUIRE DEPOT LEVEL WIRING CHANGES. EXISTING SYSTEMS HAVE LOW RELIABILITY AND HIGH LOGISTICS SUPPORT COST. 90 MOD INSTALL (FY94: \$0.8). PE 72207F CARA, MN-10611C MULTI DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO FY 1996 PRE

DEVELOPMENT STATUS: ORGANIC DEPOT CAPABILITY IN DEVELOPMENT

DEVELOPMENT STATUS:	ORGANIC DEPOT CAPABILITY IN DEVELUPMENT.	DEPOT	CAPABI	LIIY IN	DEVEL	OPMEN.						
PROJECTED FINANCIAL PLAN Q	PLAN PRIOR QTY	OR AMT	FY-94 QTY	94 AMT	FY-95 QTY A	-95 AMT	FY-96	¥	FY-97 QTY AM	AMT	FY-98 QTY	38 AMT
RDT&E (3600) N/A) i !	1 1 1 1	1 1 1 1	 								
PROCUREMENT (3010) INSTALL KITS		2.7										
KITS NONRECUR EQUIPMENT		121.3					120	σ.	120	ο.		
EQUIP NONREC CHANGE ORDERS DATA		. e					7	r.		ε.		
SIM/TRAINER SUPPORT-EQUIP		6.0 4.6							103	1.3		
ICS INSTALLATION OF HARDWARE FY9O 322 KITS	RE		(322)	€.	 	1 1 9 1	1 1 1	 	; ; ;	 		
TOTAL INSTALL COST	1 1 1 1	 		60								
TOTAL COST (BP-1100)		137.1		æ.			122	1.4	223	2.5		
METHOD OF IMPLEMENTATION: INITI	TION: I	ION: INSTALLATION DEPOT INITIAL LEAD TIME 18 MONTHS	TION -	DEPOT	NTHS		FOLL	FOLLOW-ON LEAD TIME 18 MONTHS	EAD TIM	H .	8 MONTH	v

FACT SHEET; DTHER 10611C CARA PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

		017	O LWI	FY AMT				VT0	QTY AMT	017	AMT
RDT&E (3600) N/A		•									
PROCUREMENT (3010) INSTALL KITS											2.7
KITS NONRECUR EQUIPMENT		٠								240	123.1
EQUIP NONREC		•									
CHANGE ORDERS										61	4
SIM/TRAINER										5	m r
SUPPORT-EQUIP										3	
INSTALLATION OF HARDWARE										322)	. α
Z K113		1 1 1	1 1 1 1 1 1 1 1	1 1 1 1					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	
TOTAL INSTALL COST								٠.		322	œ.
TOTAL COST (BP-1100)						:				345	141.8
MILESTONES:	, 0	, 0	. u	7 × 2 × 2 × 2 × 2 × 2 × 2 × 2 × 2 × 2 ×	ر و ا	٦ 9 9	FY-97	FY-98	FY-99	FY-03	
	48-71	- 1 - 1 - 1	76-11	10 1) ! - ! - !	- !	. !	1 1	1 1	1 1	
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	1/84										
INSTALLATION SCHEDULE:	-91		-92		FY-93	•	-94	•			
QUARTERS 1			C) 1		3	4		4			
INPUT OUTPUT	26 35 26 35	40 42 42	2 35 35	98		2 7	0 00				
INSTALLATION SCHEDULE:	-95	•	FY-96								
QUARTERS 1 INPUT 6	6 2 6 3	4 (ð		4 0				-			
OUTPUT 6			ဖ								

DATE 02/21/95

AIRCRAFT 9 MODIFICATION

DESCRIPTION/JUSTIFICATION: PROVIDES THE FOLLOWING IMPROVEMENTS TO THE AN/APN-59E RADAR: (A) REDUCE THE HIGH RATE OF BURN SPOTS ON THE NAVIGATORS IF-239B INDICATOR, (B) ELIMINATE RANDOM HEADING MARKS (C) IMPROVE THE ANTENNA GIMBAL CAGE LATCHING MECHANISM, (D) REDUCE ANTENNA AZIMUTH MOTOR DRIVE TRANSISTOR FAILURE, (E) REDUCE MAGNETRON FAILURE, (F) REDUCE RECEIVER-TRANSMITTER THYRATRON FAILURE/FIRE POTENTIAL, (G) SUPPRESS TRANSIENT FAILURES ON 28 VOLT DC LINE, (H) MAKE MINOR CHANGES TO THE RECEIVER-TRANSMITTER TO REDUCE MAINTENANCE MAN-HOURS. APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE APN-59E(V) RADAR IMP, MN-12619B 72207F PE MUL.TI MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO FY 1996 PRE

SOLE SOURCE CONTRACT PMD AUG 85. CCB APPVD. MAR 84. DEVELOPMENT STATUS: ECP APR 83. CCB APPVD. MAR APPROVED JULY 86. SPERRY HAS DATA RIGHTS.

CTED FINANCIAL PLAN PRIOR FY-94 FY-95 FY-96 FY-97 FY-98 QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT	OTY AMT GTY AMT GTY AMT GTY AMT GTY AMT	TED FINANCIAL PLAN FY-94 FY-95 FY-96 FY-97 FY-98
---	---	--

RDT&E (3600) N/A

								FOLLOW-ON LEAD TIME 15 MONTHS
				*	(001)	00		4THS
6.								- DEPOT
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5.2	•	-	2.6	***	1 1 1 1		0.=	NSTALLA L LEAD
1398 6				ш	1		1404	ION: I
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR	EQUIPMENT EQUIP NONREC CHANGE ORDERS	DATA SIM/TRAINER	SUPPORT-EQUIP MOD OF SPARES	INSTALLATION OF HARDWARE FY90 1948 KIT	FY94 100 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100) 1404 11.0 100	METHOD OF IMPLEMENTATION: INSTALLATION DEPOT INTIAL LEAD TIME 15 MONTHS

FACT SHEET; OTHER 12619B APN-59E(V) RADAR IMP PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

AMT		ນ - 4.ບ.	<u>+</u>	. 2	 		11.2				
TOTAL QTY		1498 6			(1948)	2048	1504				
TO COMP QTY AMT					1 1 1 1 2 1 2						
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-00 AMT	 					1				4 130 130	4
FY-00 QTY AI	! ! ! !					! ! !		FY-95	! ! !	FY-92 2 3 130 130 130 130	FY-96 2 3
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eT.Y	 							Œ	i	4 0 0 4 4 4	4 000
								FY-87	3/87	FY-91 2 3 5 5 5	FY-95 2 3 130 84 130 84
	RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	CHANGE ORDERS	SIM/TRAINER SUPPORT-EQUIP MOD OF SPARES	INSTALLATION OF HARDWARE FY90 1948 KIT FY94 100 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	INSTALLATION SCHEDULE: QUARTERS 1 INPUT 130

DATE 02/21/95

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE 3614B ALE-40 DEFICIENCIES, MN-13614B MODIFICATION TITLE AND NO FY 1996 PRE

DESCRIPTION/JUSTIFICATION: THE AN/ALE-40 HAS EXPERIENCED NUMEROUS FAILURES ATTRIBUTED TO VARIOUS
LRUS IN THE SYSTEM. SOME OF THE LRUS ARE BEING MODIFIED BY WR-ALC, WHILE THE SEQUENCER SWITCH
IS BEING REPLACED BY A DIGITAL SWITCH PROCURED BY ASC/RW. THESE EFFORTS WILL IMPROVE THE R&M
OF THE ALE-40 TO AN ACCEPTABLE LEVEL. THE ALE-40 IS INSTALLED ON A-10, F-4, F-16, C-130, C-141 72207F PE MULTI MODELS OF AIRCRAFT AFFECTED

DEVELOPMENT STATUS: MOD KIT INSTALLS STARTED APR93, PROD BASELINE FCA, PCA, FOR APR 93. FINAL DWG DEL JAN 94. (ANG-1370, ACTIVE-1532), EQUIP QTY SHOWN IS A/C SHIPSETS.	MOD KIT (ANG-1	INSTAL 1370,	LLS STAF ACTIVE-1	2TED AF 1532),	R93, PF EQUIP C	COD BAS	ELINE WN IS	FCA, PC A/C SHI	A, FOR PSETS.	APR 93	FINA	ب	
PROJECTED FINANCIAL F	PLAN PRIOR OTY	JR AMT	AN PRIOR FY-94 FY-95 GTY AMT GTY AMT GTY AMT Q	34 AMT	FY-95 QTY	J5 AMT	FY-96 QTY	FY-96 FY-97 FY-98 QTY AMT QTY AMT	FY-97 QTY	7 AMT	FY-98 QTY	18 AMT	

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- 9
- 5
- 10.

RDT&E (3600) N/A

			ا .3	₹.		ი ი			4.4	2.1.2			3.4	4.6
			1934	-							`*.	-	996	968)
0).											HARDWARE	<u> </u>	_	<u>`</u>
PROCUREMENT (3010)	INSTALL KITS	KITS NONRECUR	EQUIPMENT	EQUIP NONREC	CHANGE DRDERS	DATA	SIM/TRAINER	SUPPORT-EQUIP	MOD OF SPARES	DIGITAL SEQ S	INSTALLATION OF	FY89 1 KITS	FY92 966 KITS	

968 KITS (968) 4 INSTALL COST 1935 8		ì	
968 KITS (968) INSTALL COST 1935		11111	
368 KITS INSTALL COST	4.6	;	8.0
368 KITS INSTALL COST	(896)	1 1 1	1935
ň.		•	COST
ň.	KITS		ISTALL
	896 E6A:		OTAL IN

38.3 1935 TOTAL COST (BP-1100) METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

10.6

10.6

2.7 (1673

7.8 (400)

FACT SHEET; OTHER 13614B ALE-40 DEFICIENCIES PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

;		ر. د	3.3	4.4 42.3	4 . 6 4 . 6	0.8	59.4	-		
AMT		-	ю	4 4	ю 4	60				
TOTAL QTY		1934	-		(1) (966) (968)	1935	1935			
TO COMP QTY AMT										
710 710						1 1 1 1		FY-97		
								Ē		
								FY-96		
								FY-95	 	
								FY-93	2/93 1/94	
AMT						1		FY-92	2/92 1/93	
FY-00 QTY AN						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		FY-91	: : :	
9 AMT										
FY-99 0TY	: 					! !		FY-90	!	
								FY-89	4/89	
	RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	EQUIP NONREC CHANGE ORDERS DATA	SIM/TRAINER SUPPORT-EQUIP MOD OF SPARES	NSTALLATION OF HARDWARE FY89 1 KITS FY92 966 KITS FY93 968 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT
	RDT&	PROCUREMENT INSTALL KO KITS NONRI	EQUIP CHANGE DATA	SIM/TE SUPPOF MOD OF	INSTALLI FY89 1 FY92 5 FY93 9	TOTAL	TOTAL	MILES	CONTR, DELIVI	INSTA

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE SUPPORT EQUIPMENT UPGRADE, MN-14212B FY 1996 PRE MODIFICATION TITLE AND NO

DESCRIPTION/JUSTIFICATION: FAILURES OF CENTRIFUGAL SWITCHES, FUEL CONTROL DRIVE SHAFTS, PLENUM GASKETS, AND STARTER CLUTCHES HAVE ACCOUNTED FOR 13,807 MANHOURS OF UNSCHEDULED MAINTENANCE PE 72207F MULTI MODELS OF AIRCRAFT AFFECTED

		t
RATE		98 AMT
AILURE		FY-98 QTY
X	MOD.	AMT
ME BET COSTS.	NOTHER	FY-97 0TY
WEAN TI CYCLE	VE ON A	S AMT
PROVE P D LIFE	ADY DO!	FY-96 FY-97 FY-98 QTY AMT QTY AMT
IN ONE YEAR. MOD TO THE GROUND POWER CART ENGINE WILL IMPROVE MEAN TIME BETWEEN FAILURE RATE BY 73%, INCREASE SERVICE LIFE, AND REDUCE MAINTENANCE AND LIFE CYCLE COSTS.	OF ALRE	
NGINE A	KITPRO	FY-95 QTY AMT
CART EL	85.	AMT
POWER AND RE	20 MAY	NN FY-94 GTY AMT GTY AMT
ROUND LIFE,	. ccB	TW.
THE GRVICE	JAN 85	AN PRIOR QTY AMT
MOD TO ASE SE	ECP	PLAN
YEAR. INCRE	TATUS:	JANCIAL
N ONE	MENTS	ED FIN
	DEVELOPMENT STATUS: ECP JAN 85. CCB 20 MAY 85. KITPROOF ALREADY DONE ON ANOTHER MOD.	PROJECTED FINANCIAL PLAN QT

RDT&E (3600) N/A

	.7	.7	OI TINGE
8 (406)	406	8.4	1
406 1.8		406 1.	
			IMPLEMENTATION: INSTALLATION DEPOT/FIELD TEAM
ຫ ທີ່ - ກັດ	1.1	9.7	NSTALLA
1082 1 1 1 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	1083	1083	I I
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY90 413 KITS FY91 309 KITS FY92 361 KITS FY96 406 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	METHOD OF IMPLEMENTAT

FOLLOW-ON LEAD TIME -- 16 MONTHS METHOD OF IMPLEMENIATION: TINSTALLINE -- 24 MONTHS (CONTINUED)

212B SUPPORT EQUIPMENT UPGRADE	
EQUIPMENT	(0
SUPPORT	(CONTINUED
14212B	PLAN
OTHER	INANCIAL
FACT SHEET; OTHER	PROJECTED FINANCIAL PLAN

	,	-	9 AMT	FY-00 QTY	00 AM∓							0T 7T0	TO COMP QTY AMT	TOTAL QTY	AL AMT	
RDT&E (3600) N/A		 	 	 										4		
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC		·	·											1488		6.0
DATA SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY90 413 KITS FY92 361 KITS														(413) (309) (361) (406)	2223	5. 7. 1
1000		!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!				1								1489	68	.
TOTAL COST (BP-1100)														1489		12.2
MILESTONES:	FY-89	FY-90		FY-91	FY-92	6 <u>.</u>	FY-93	ю і	FY-96		FY-97	FY-98	FY-99		FY-00	
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	3/90	3/90		2/92 3/93	3/92	2.4			1/96 2/97							
INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT	FY-91 2 3	4	<u>+</u>	FY-92 2 3	4	- 4 4 - 4 4	FY-93 2 56 56		4 0 0 	1 78 78	FY-94 . 2 3 78 78 78 78	4 78 78				
INSTALLATION: SCHEDULE: QUARTERS 1 INPUT 81	FY-95 2 3 81 81 81 81	4 H 8 H 8 H 8 H 8 H 8 H 8 H 8 H 8 H 8 H	1 8 87 87 87	FY-96 2 3 87 87 87 87	87 87	1 87 87	FΥ-97 2 87 87	3 87 87	87 87							
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 87 OUTPUT 87	FY-98 2 3 87 87 87 87	87 8 87 8	- 88 58 85 88	FY-99 2 3 85 85 85 85	87 87	. •	FY-00 2	e •	4							

AIRCRAFT FY 1996 PROGRAM P MODIFICATION

HF RADIO REPL/ARC190, MN-16620C

DESCRIPTION/JUSTIFICATION: THIS MODIFICATION INSTALLS THE AN/ARC-190(V) HF SINGLE SIDE BAND (SSB)
RADIO. ORIGINAL RADIOS DO NOT MEET THE CURRENT REQUIREMENTS FOR CHANNEL SPACING, FREQUENCY
ACCURACY AND STABILITY AND PARKHILL COMPATIBILITY. THE ARC-123 AND AT-440 HAVE HIGH LOGISTICS
SUPPORT COSTS BECAUSE OF UNRELIABLE TUBE EQUIPMENTS, LOW MEAN TIME BETWEEN DEMAND, AND OBSOLETE
DESIGN ON MANY SUB-ASSEMBLIES. STANDARDIZATION OF HF RADIOS WILL PROVIDE SUBSTANTIAL
LOGISTICS COST REDUCTION. INSTALLATION WILL BE OR! LEVEL. APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE GEOOC 72207F PE MULTI MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO FY 1996 PRE

INITIAL CONTRACT TO REPLACE THE B-52/KC-135 AN/ARC-65 AWARDED TO COLLINS RADIO, DEVELOPMENT STATUS:

DEVELOPMENT STRICS:													
PROJECTED FINANCIAL P	_	-AN FY-94 FY-95 FY-96 FY-97 FY-98	FY-94	94	FY-95	95 AMT	FY-96	96 AMT	FY-97	37 AMT	FY-98 QTY	98 AMT	
		E	- I	EA	-	- ! E ! E !	, !		. !	1	1 1 1	1	

RDT&E (3600)

1.6 (80) .3 (240)	.			2.3	FOLLOW-ON LEAD TIME
(600) 3.6 (2240	0.1	• .		1.0 3.6	ON: INSTALLATION COMBINATION INITIAL LEAD TIME 12 MONTHS
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	EQUIP NONREC CHANGE ORDERS DATA	SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY9O 198 KITS (198)	TOTAL INSTALL COST 198	TOTAL COST (BP-1100)	METHOD OF IMPLEMENTATION: INSTALLATION COMBINATION INITIAL LEAD TIME 12 MONTHS

9.6

1.2 (800)

4

ស

4.3

12 MONTHS

FACT SHEET; OTHER 1662OC HF RADIO REPL/ARC190 PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

		FY-99 QTY AM	- :	FY-00 QTY AM	AMT				0T VT0	TO COMP QTY AMT	TOTAL OTY	AMT
RDT&E (3600) N/A												
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT		(540)	(3) 2.7 (140)	(3) (40)	- *							14.0
CHANGE ORDERS DATA			е.	9	7.							3.6
SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE					1.3					2.9	(60)	4.2
FY90 198 KITS		1	!	1 ! !	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				! ; !		1001	1
TOTAL INSTALL COST											198	
TOTAL COST (BP-1100)			9.0		2.8					2.9		21.9
MILESTONES:	FY-90	FY-91	FY-94	94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	 	 	 	l !								
INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTRUT	FY-92 2 3 40 40	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	FY-93	3 25 24	4 1 25 25 25	FY-94 2 3	4					

AIRCRAFT FY 1996 PROGRAM Р MODIFICATION

MAU-12/40/50, MN-16630B

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC OTHER CLASS P FEATURE 30 YEAR OLD TECHNOLOGY. A MAJOR PROBLEM WITH THE BOMB RACKS IS THE CURRENT GAS CARTURE 30 YEAR OLD TECHNOLOGY. A MAJOR PROBLEM WITH THE BOMB RACKS IS THE CURRENT GAS CARTRIDGE SYSTEM WHICH, WHEN FIRED, LEAVES A RESIDUE IN THE GAS EJECTION. SYSTEM REQUIRES DAILY CLEANING TO PREVENT INADVERTENT RELEASE PROBLEMS. AFTER 25 FIRINGS, RACKS ARE REMOVED FROM AIRCRAFT FOR CLEANING, DEGRADING THE AIRCRAFT FROM 23 TO 86 HOURS. THIS REDUCES SORTIE GENERATION AND COMBAT CAPABILITIES. IMPROVED BOMB RACKS REQUIRE CLEANING AFTER 100 FIRINGS AND REMAIN ON THE AIRCRAFT. ESTIMATED CLEANING TIME PER RACK IS .3 HOURS. THE IMPROVED RACKS REQUIRED TO CLEAN RACKS. 72207F PE MULTI MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO 1996 PRE

RACKS WILL BE MODIFIED AT FIELD LEVEL. MIP IFW860126 F-111, F-16, A-10, B-52 AND F-117. CCB NOV 89. COMPLETE. DEVELOPMENT STATUS: ACFT AFFECTED:

AMT OΤ AMT FY-97 Q۲۷ AMT FY-96 οTγ AMT FY-95 ٩T **JMA** FY-94 ٩T AMT PRIOR oT. PROJECTED FINANCIAL PLAN

RDT&E (3600) N/A

PROCUREMENT (3010) INSTALL KITS KITS NONRECUR CHANGE ORDERS SUPPORT-EQUIP EQUIP NONREC SIM/TRAINER EQUIPMENT

2.5

13.6 (3383

-

INSTALLATION OF HARDWARE TOTAL INSTALL COST TOTAL COST (BP-1100)

-- ORG/INTERMEDIATE -- 09 MONTHS METHOD OF IMPLEMENTATION: INSTALLATION INITIAL LEAD TIME

FOLLOW-ON LEAD TIME -- OG MONTHS

FACT SHEET; OTHER 16630B MAU-12/40/50 PROJECTED FINANCIAL PLAN (CONTINUED)

AMT

FY-00 QTY AMT

FY-99 QTY AMT

RDT&E (3600) N/A

SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

FY-94 1/94 3/94 FY-93 ----1/93 3/93 FY-92 1/92 3/92 2/91 FY-91 FY-90 ----2/90 4/90 CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY): MILESTONES:

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

(CONTINUED)

AMT TOTAL QTY AMT TO COMP QTY AM

16.1 0.

17.1

* * * *** UNCLASSIFIED

FY 1996 PROGRAM P MODIFICATION

DATE 02/21/95

AIRCRAFT

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE MN-18615B AN/ALR-69 SYS IMPROVEMENT, MN-18615B FY 1996 PRE

MULTI MODELS OF AIRCRAFT AFFECTED

DESCRIPTION/JUSTIFICATION: MOD INCLUDES CHANGES TO TWO DIFFERENT LRUS. MOD TO CM479 SIGNAL PROCESSOR WILL CORRECT MEMORY SPACE DEFICIENCIES, INPUT/OUTPUT DEFICIENCIES, AND ADD MIL-STD-1553B
DATA BUS CAPABILITY. MOD TO C-10373 RECEIVER/CONTROLLER WILL CORRECT DEFICIENCIES IN SENSITIVITY FOR PULSED RADAR THREATS AND IN MEMORY (BOTH RANDOM ACCESS AND PROGRAMMABLE READ ONLY).
THESE MODS WILL: 1) IMPROVE RELIABILITY DUE TO SIMPLIFICATION. 2) QUICK REPROGRAMMABILITY FOR
C10373, SAVING \$200K ANNUALLY. 3) MIL-STD-1553B COMPATIBILITY. 4) IMPROVED RESPONSE TO PULSED
RADAR TREATS. THIS IS A COMMODITY MOD. 72207F Б MODIFICATION TITLE AND NO

ECP NOT REQUIRED. (CARD SWAPOUT ONLY). CCB JULY 90. ACFT: 1222 ACTIVE; 334 SOF: 154 COMPETITIVE. ANG: 126 AFRES. DEVELOPMENT STATUS:

PROJECTED FINANCIAL	AL PLAN PRIOR	OR	FY-94	96	FΥ	FY-95	FY-96	96	FY-97	97	FY-98	98	
	QΤΥ	AMT	ΩT	AMT	QΤγ	AMT	01 √	AMT	ΔŢ	A M	<u>-</u>	GTY AMT GTY AMT GTY AMT GTY AMI GIY AMI	
		1 1 1	1 1 1	1 1 1 1 1 1	1 1 1 1	1 1 1 1 1	1 1 1	1 1 1 1 1 1	1 1 1 1	1	1 1 1 1	 	

RDT&E (3600) N/A

œ œ	2	- .		(888)	(956) 9.4	
n + n	2			(000)	(200)	
Ç	P. Y	1.7	2.7	ω r	4 U	
0	000					
6					HADDWADE	
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR	EQUIPMENT EQUIP NONREC	CHANGE ORDERS DATA	SIM/TRAINER SUPPORT-EOUIP	SOFTWARE	MOD OF SPARES	TIASTACKA TOTAL

9.0

7.

3.5 COMBINATION 11.3 615 INSTALLATION 25.3 868 TOTAL COST (BP-1100) TOTAL INSTALL COST

-- 7 MONTHS FOLLOW-ON LEAD TIME

7 MONTHS

INITIAL LEAD TIME

METHOD OF IMPLEMENTATION:

FACT SHEET; OTHER 186 PROJECTED FINANCIAL PLAN	18615B AN/ALR-69 SYS .AN (CONTINUED)	-	MPROVEMENT	L		(CONTINUED)			
		FY-99 QTY AN	FY-00 MT QTY AN	OO AMT			TO COMP QTY AMT	TOTAL QTY	AMT
RDT&E (3600) N/A									
PROCUREMENT (3010) INSTALL KITS									
KITS NONRECUR EQUIPMENT EQUIP NONREC	·							1483	19.2
CHANGE ORDERS DATA STM/TDAINED									4.8 0.0
SUPPORT-EQUIP SOFTWARE MOD OF SPARES									3.8 10.3
INSTALLATION OF HARDWARE		1	!	 				1	
TOTAL INSTALL COST									
TOTAL COST (BP-1100)								1483	39.8
MILESTONES:	FY-92	FY-93	FY-94	FY-95	FY-02				
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	3/92 3/93	4/93 2/94	1/94 4/94		1/00				

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

MODIFICATION OF AIRCRAFT
FY 1996 PROGRAM
APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE
NAVSTAR GPS (C-26), MN-3150-C PE 54314F MODELS OF AIRCRAFT AFFECTED C-26 FY 1996 PRE MODIFICATION TITLE AND NO

DESCRIPTION/JUSTIFICATION: THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) IS A SPACE BASED RADIO NAVIGATION SYSTEM THAT WILL PROVIDE SUITABLY EQUIPPED HOST VEHICLES WITH HIGHLY ACCURATE, JAM- RESISTENT, THREE DIMENSIONAL POSITION, VELOCITY, AND TIME DATA, WORLDWIDE IN ALL WEATHER TO IMPROVE MISSION EFFECTIVENESS.	TION: THE NAV EM THAT WILL F E DIMENSIONAL EFFECTIVENESS	THE NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) IS A SPACE BASED RADIO F WILL PROVIDE SUITABLY EQUIPPED HOST VEHICLES WITH HIGHLY ACCURATE VSIONAL POSITION, VELOCITY, AND TIME DATA, WORLDWIDE IN ALL WEATHER FIVENESS.	POSITION BLY EQUI LOCITY,	IING SYSPED HE AND TIP	STEM (GR DST VEH) WE DATA.	PS) IS ICLES (WORLE	A SPAC WITH H] OWIDE]	SE BASE IGHLY A	D RADIC	E. JAM-
DEVELOPMENT STATUS: 4	AIRCRAFT BREAKOUT:		34 ANG; O ACTIVE.	VE.						
PROJECTED FINANCIAL PI	PLAN PRIOR QTY AMT	FY-94 QTY AMT	FY-95 0TY	35 AMT	FY-96 QTY /	6 AMT	FY-97 QTY	97 AMT	FY-98 OTY	98 AMT
RDT&E (3600) N/A										
PROCUREMENT (3010) INSTALL KITS	٠				11	4.	16	±.		
KITS NONRECUR EQUIPMENT EQUIP NONREC			Ξ	. .	(11)	0.1	(16)	<u>ი</u>		
CHANGE URDERS DATA SIM/TRAINER				•		4				
SUPPORT-EQUIP INSTALLATION OF HARDWARE FY95 1 KITS	R E				Ξ	₹.			(46)	4
FY96 17 KITS FY97 16 KITS			1	 	! ! !	1 1 1 1	1) 1 - 1 - 1
TOTAL INSTALL COST	} } 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1			-	₹.			16	1.6
TOTAL COST (BP-1100)			-	1.3	11	2.7	9	2.2		4.6
METHOD OF IMPLEMENTAT	TION: INSTALL INITIAL LEAD	INSTALLATION DEPOT AL LEAD TIME 12 MONTHS	JT WONTHS		FOLLOW	1-0N LE	AD TIM	E 2,	FOLLOW-ON LEAD TIME 24 MONTHS	S.
METHOD OF IMPLEMENTAT	ION: INSTALLATION INITIAL LEAD TIME		OT MONTHS		FOLLOW	1-0N LE	AD TIM	E 2.	4 MONT	_

....

FACT SHEET; OTHER 3150-C NAVSTAR GPS (C- PROJECTED FINANCIAL PLAN (CONTINUED)	O-C NAVST	TAR GPS (C	26)				(CONTINUED)				
		FY-99 QTY /	9 FY-00 AMT QTY A	OO AMT					TO COMP QTY AMT	TOTAL QTY 	AMT
N/A											-
		.•				٠				33	7.2.1.9.1.
٠				2.3					2.4		7.4
HARDWARE		(15)	- o							(† (± (± (± (± (± (± (± (± (± (± (± (± (±	+, +
TOTAL INSTALL COST		17	2.0	 				W.,		34	3.7
TOTAL COST (BP-1100)			2.0	2.3					2.4	34	14.5
	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01				
(QTR/FY): (QTR/FY):	2/95 2/96	2/96 2/98	1/97								
INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT	FY-96	4	FY-97 2 3	4	FY-98 2 3 6 5 6 5	4 rc rc + rc rc	FY-99 2 3 5 5 5 5	4 0 0			
INSTALLATION SCHEDULE: QUARTERS 1 INPUT 0UTPUT 2	FY-00	4								•	

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

A/B SINCGARS AJ COMM, MN-3429 FY 1996 PRE MODIFICATION TITLE AND NO

DESCRIPTION/JUSTIFICATION: MODIFICATION INCORPORATES AIRBORNE SINCGARS UPGRADES. THE AIRBORNE SINCGARS WILL BE PLACED ON A REPACKAGED EXISTING VHF AJ RADIO, WHICH WILL BE A FORM FIT REPLACEMENT FOR THE CURRENT NON AJ ARC-186. PE 27423F MULTI MODELS OF AIRCRAFT AFFECTED

DEVELOPMENT STATUS: FSD CONTRACT AWARDED MAY 87; DT&E/IOT&E JAN-APR 89. FLT TEST JAN 89. QUALITY TESTING NOV 88-JUL 89.

PROJECTED FINANCIAL PL	PLAN PRIOR	25	⊁	FY-94		FY-95	<u>F</u>	FY-96	F.	FY-97	FY-98	86
	QTY	AMT	QΤΥ	QTY AMT	QTY	QTY AMT	φτγ	QTY AMT	ΦTΥ	QTY AMT	OTY	QTY AMT
RDT&E (3600)		15.0	 	1 10.	1	ម្រ. !	 	1 LC) 	r.		
PROCUREMENT (3010) INSTALL KITS												
KITS NONRECUR EQUIPMENT	· •	7.2	901	10 7.2 901 16.1 (90) 1.6 (90)	(06)	1.6	(06)	7.5				
EQUIP NONREC	-	15.1										
CHANGE UKDEKS DATA		9.0		9.								
SIM/TRAINER		6.										
SUPPURI - EQUIP TOOLING	1			:								
INSTALLATION OF HARDWARE	1	1	1 1	1 1 1 1 1 1 1 1 1	1	1 1 1 1	! ! ! !	1	 	1 1 1	1 1 1	i i i i
TOTAL INSTALL COST												

FOLLOW-ON LEAD TIME -- 18 MONTHS METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- 18 MONTHS

18.4

901

27.2

Ξ

TOTAL COST (BP-1100)

A/B SINCGARS AU COMM (CONTINUED)

FACT SHEET; OTHER 3429 PROJECTED FINANCIAL PLAN

(CONTINUED)

TOTAL AMT	1	2	911 26.4	9.6				FY-00	•	
TO COMP	!				1 1			FY-98		
010	3				1	•		FY-97		
								FY-96	1/96 3/97	
			•					FY-95	1/95 3/96	
								FY-94	1/94 3/95	
Q	AMT				!			FY-93	1/93 3/94	
FY-00	- 1							FY-92	4/92 1/94	
FY-99	QTY AMT				1 1 1 1 1 1	•.		FY-91	1/92 3/92	
								FY-89	1/90	
		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	CHANGE ORDERS DATA SIM/TRAINER SUPPORT - EQUIP	INSTALLATION OF HARDWARE	TOTAL INSTALL COST	T0TAL C0ST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

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AIRCRAFT 9 MODIFICATION

FY 1996 PROGRAM

AERP, MN-3431 MODIFICATION TITLE AND NO 1996 PRE

IPTION/JUSTIFICATION: AIRCREW EYE/RESPIRATORY PROTECTION (AERP) IS REQUIRED FOR AN AIRCREW MEMBER TO OPERATE IN A CHEMICAL/BIOLOGICAL WARFARE ENVIRONMENT. THE AERP SYSTEM IS A COMBINATION OF THE INDIVIDUAL PROTECTIVE EQUIPMENT WORN BY THE AIRCREW MEMBER AND THE AIRCRAFT INTERFACES FOR OXYGEN, COMMUNICATIONS, AND ELECTRICAL TO WHICH THE AIRCREW MEMBER CONNECTS THE AERP FOR CHEMICAL/BIOLOGICAL PROTECTION. THIS PROGRAM MODIFIES THE AIRCREW MEMBER CONNECTS THE AERP TIONS AND ELECTRICAL CONNECTIONS WHICH INTERFACE WITH THE AIRCREW MEMBER TO ACCEPT THE AERP SYSTEM. THIS IS A GROUP A ONLY MODIFICATION. DEPOT INSTALL THRU FY92. FIELD INSTALL FROM FY92 AND OUT, EXCEPT IN FY94. PLUS 1 TRIAL INSTALL IN FY94 APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC OTHER CLASS P 27593F PE MULTI MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION:

DEVELOPMENT STATUS: FY88 PROCURES KC-135. FY89-90 PROCURES F-16, AC-130, B-52, C-130, H-53, B-1, C-9. FY91 AND OUT PROCURES FIGHTER/ATTACK, C-130, C-135, STRATEGIC BOMBER, OBSERVATION, HELI-COPTER AND OPERATIONAL SUPPORT CATEGORY ACFT. UNIT COST VARIES BY ACFT TYPE.

CTED FINANCIAL PLAN	PLAN PRIOR	OR AMT	FY-94 0TY	.94 AMT	FY-95	95 AMT	FY- QTY	FY-96 FY AMT	FΥ-97 QTY /	97 AMT	FY-98 QTY	ANCIAL PLAN PRIDR FY-94 FY-95 FY-96 FY-97 FY-98 DIV AMT QTY AMT QTY AMT QTY AMT QTY AMT	
	; i	1 1	1	1 1 1	1 1 1	1 1 1 1	1 1 1	1 1 1 1 1 1	1 1 1	1 1 1 1 1	} 	! ! !	

RDT&E (3600) N/A

ø. 2.5 6 (40) 8.9 838 INSTALLATION OF HARDWARE PROCUREMENT (3010) INSTALL KITS KITS NONRECUR SUPPORT-EQUIP FY91 136 KITS CHANGE ORDERS FY94 40 KITS EQUIP NONREC SIM/TRAINER EQUIPMENT DATA

12 MONTHS FOLLOW-ON LEAD TIME INSTALLATION -- DEPOT/FIELD TEAM FIAL LEAD TIME -- 7 MONTHS INITIAL LEAD TIME METHOD OF IMPLEMENTATION:

Θ. 3.4

4.4 8.2

126 838

1711

TOTAL COST (BP-1100)

TOTAL INSTALL COST

PAGE 387

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	TOTAL QTY AMT		2549 9.3	e.	1.4 40) .6	166 2.0	2549 11.6			
	TO COMP OTY AMT OT		· ·				**			
										4
(CONTINUED)								FY-97		FY-96 2 3 12
								FY-96		4 CT CT CT CT CT CT CT CT CT CT CT CT CT
								FY-95		FY-95 2 3 4 4
	OO AMT				!	f 1 1 1 1		FY-94	1/94 1/95	4 1 25 29
	FY-00 MT QTY AN					 		FY-93	1/93	FY-92 2 3 29 29 29 29
NUED)	FY-99 QTY AI		٠			 		FY-92	1/92 1/93	4 1 15 26 11 26
31 AERP (CONTINUED)				-	-			FY-91	2/91	F < - 9 1
FACT SHEET; OTHER 3431 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC	CHANGE ORDERS DATA SIM/TRAINER SUPPORT - EQUIP	INSTALLATION OF TAKOWAKE FY91 136 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS 1 INPUT OUTPUT

FY 1996 PRE

OF AIRCRAFT FY 1996 PROGRAM MODIFICATION

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE TACTICAL SECURE VDICE, MN-3495

MULTIPLE AIRCRAFT

QUALITY AND IS NO LONGER LONGER LOGISTICALLY SUPPORTABLE. THE 40S MANDATED THROUGH MJCS-36-89
THAT UHF SATCOM WILL BE ANDVI COMPATIBLE BY THE END OF FY94 (EFFECTIVELY MANDATING UHF SATCOM NARROWBAND VICE THE CURRENT WIDEBAND). PROVIDES MORE EFFICIENT USE OF SATELLITE BANDWIDTH.
PROMOTES INTEROPERABILITY. WITHOUT AIRTERM: JCS/JG WILL PROBABLY DENY SATELLITE ACCESS TO
THESE TERMINALS: THE AF WILL NOT BE INTEROPERABLE WITH OTHER SERVICES. CLC OTHER CLASS P JCS MANDATES THE AIRBORNE PORTION OF TSV ADVANCED NARROWBAND DIGITAL VOICE TERMINAL 33140F PE INCLUDE THE KYV-5 (HF NARROWBAND) AND KY-1000 (UHF SATCOM NARROWBAND). REPLACEMENT OF KY-75 9CURRENT NARROWBAND SECURE DEVICE) WITH THE KYV-5. MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: N/A.

AMT QT. AMT QΤγ AMT OΤ AMT FY-95 ٥Ţ AMT QT√ AMT PRIOR ٩T٧ PROJECTED FINANCIAL PLAN

RDT&E (3600) N/A

PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT

SUPPORT-EQUIP CHANGE ORDERS EQUIP NONREC SIM/TRAINER DATA

0.8

557

TOTAL INSTALL COST

TOTAL COST (BP-1100)

INSTALLATION OF HARDWARE

INITIAL LEAD TIME

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- 12 MONTHS

-- 12 MONTHS

FOLLOW-ON LEAD TIME

UNCLASSIFIED

	TO COMP QTY AMT	- 				1 8 1 1 1 1 1				
(CONTINUED)										
>	Y-99 AMT Q			·					FY-94 FY-95	2/94 1/95
FACT SHEET: OTHER 3495 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) 'INSTALL KITS KITS NONRECUR	EQUIPMENT EQUIP NONREC CHANGE ORDERS	DATA SIM/TRAINER SUPPORT-FOUIP	INSTALLATION OF HARDWARE	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES: F	CONTRACT-DATE (QTR/FY): 2 DELIVERY-DATE (QTR/FY): 1

INSTALLATION SCHEDULE: QUARTERS INPUT OUTRUT

9.7

15.6

557

8.0

557

TOTAL QTY

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE FLIGHT DATA RECORDER, MN-64201F DESCRIPTION/JUSTIFICATION: INSTALLS A SIGNAL DATA RECORDER (SDR) TO RECORD DATA FOR EITHER SAFETY OR AIRCRAFT STRUCTURAL INTEGRITY PROGRAM (ASIP) APPLICATION, A CRASH SURVIVABLE FLIGHT DATA PE 44102F MH-530 MODELS OF AIRCRAFT AFFECTED FY 1996 PRE MODIFICATION TITLE AND NO

OR AIRCRAFT STRUCTURAL INTEGRITY PRUGRAM (ASIP) APPLICATION, A CRASH SOLITATION ARMORY UNIT (FDMU) AND SUPPORTING HARDWARE TO COMPLETE THE SYSTEM. MODIFICATION PROVIDES A CRASH SURVIVABLE FLIGHT DATA RECORDER SYSTEM TO SATISFY REQUIREMENTS STATED IN AFISC SON O1-79. PMD 5249 (7).	IL INTEGRID SUPPOR'	IIY PROGRAM TING HARDWAF RECORDER SY!	(ASIP) APPLICATE TO COMPLETE STEM TO SATISFY	THE SYSTEM.	MODIFICATION PS STATED IN AFI	ROVIDES A ISC SON 01-79.
DEVELOPMENT STATUS: MIPR:	APR 94.	CONTRACT /	MIPR: APR 94. CONTRACT AWARD SEP 94.			
PROJECTED FINANCIAL PLAN PRI QTY	AN PRIOR QTY AMT	FY-94 QTY AMT	NN PRIOR FY-94 FY-95 QTY AMT QTY AMT QTY AMT QTY AMT		FY-96 FY-97 FY-98 QTY AMT QTY AMT	FY-98 QTY AMT
RDT&E (3600) N/A						

					FOLLOW-ON LEAD TIME 5
6. 6. 6. 6. 6. 6.	- .	4.	4.	3.5	- DEPOT/FIELD TEAM - 3 MONTHS
40 (1)		4. (40)	40	40	ON: INSTALLATION DEPOT/FIEL INITIAL LEAD TIME 3 MONTHS
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT	CHANGE ORDERS DATA SIM/TRAINER	SUPPORT-EQUIP INSTALLATION OF HARDWARE FY94 40 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	METHOD OF IMPLEMENTATION: INSTALLATION DEPOT/FIELD TEAM INITIAL LEAD TIME 3 MONTHS

MONTHS

	TO COMP TOTAL QTY AMT QTY AMT		40 .6	-	4. (04)	4.04	40 3.5			
(CONTINUED)										
										FY-97 2 3 4 3
	OO AMT					! ! !		FY-97	 	4 0 0 ← 0 0
ECORDER	99 FY-00 AMT QTY A					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		FY-96	! ; ! !	F Y - 96 9 9 9 9 9
64201F FLIGHT DATA RECORDER .AN (CONTINUED)	FY-99 QTY	ı		.•		! ! ! !		FY-95	† † † † †	6. 4 -
4201F FL								FY-94	4/94	FY-95
FACT SHEET; OTHER 642 PROJECTED FINANCIAL PLAN		RDT&E (3600) N/A	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR	EQUIPMENT EQUIP NONREC CHANGE ORDERS DATA	SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE FY94 40 KITS	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	INSTALLATION SCHEDULE: QUARTERS INPUT OUTRUT

* * *** UNCLASSIFIED

DATE 02/21/95

OF AIRCRAFT MODIFICATION

FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE F-16 MANNED DESTRUCTIVE SEAD, MN-F16MDS CLC OTHER CLASS P

DESCRIPTION/JUSTIFICATION: THE MANNED DESTRUCTIVE SUPPRESSION OF ENEMY AIR DEFENSES (SEAD)(MDS)
PROVIDES HARM CARRIAGE AND RF TARGETING FOR THE F-16C AND F-16C. THE F-16 OPTION PROVIDES A
SHORT AND MID-TERM SOLUTION FOR THE RETIRING F-4G WEASEL. PE 27136F D ... WULTI (F-16) MODELS OF AIRCRAFT AFFECTED FY 1996 PRE MODIFICATION TITLE AND NO

	FY-98 QTY AMT
	FY-98 QTY ,
G OT&E.	FY-97 QTY AMT
ERGOIN	FY-97 QTY
S No.	AMT 2.9
THE F-16 HARM TARGETING SYSTEM (HTS) IS CURRENTLY UNDERGOING OT&E.	FY-96 QTY
18	TM1
(HTS)	FY-95
YSTEM	FY-94 FY-95 QTY AMT QTY AMT
S SNI	34 AMT
TARGET	AN PRIOR FY-94 FY-95 QTY AMT QTY AMT QTY AMT
HARM	AN PRIOR QTY AMT
F-16	PRIOR Y
王	PLAN
DEVELOPMENT STATUS:	PROJECTED FINANCIAL RDT&E (3600)
DEVEL	PROJE

PROCUREMENT (3010) INSTALL KITS KITS NONRECUR CHANGE ORDERS DATA EQUIP NONREC EQUIPMENT

SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT INITIAL LEAD TIME -- 12 MONTHS

9.0 9

3.0

FOLLOW-ON LEAD TIME -- 12 MONTHS

(CONTINUED)	TO COMP TOTAL QTY AMT QTY	e.) FY-01	
							FY-00	1 1 1 1 1
SEAD	OO AMT	7.					FY-99	\$ 1 1 1
STRUCTIVE	FY-OO AMT QTY AM	2.			 		FY-98	; ; ; ;
MANNED DES NUED)	FY-99 QTY AN	; ! ! ! !			t 1 1 1 1 1 1		FY-97	i i i i
ADS F-16 (CONTII			·				FY-96	2/96
FACT SHEET; OTHER F16MDS F-16 MANNED DESTRUCTIVE SEAD PROJECTED FINANCIAL PLAN (CONTINUED)		RDT&E (3600)	PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIPMENT	DATA DATA SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE	TOTAL INSTALL COST	TOTAL COST (BP-1100)	MILESTONES:	CONTRACT-DATE (QTR/FY):

3.0

3.0

AMT

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

FY 1996 PRE

MODIFICATION OF AIRCRAFT FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE MN-SIM141 SIMULATOR UPGRADE (C-141), MN-SIM141

IPTION/JUSTIFICATION: UPGRADES 3 C-141 WEAPON SYSTEMS TRAINERS WITH NEW VISUAL SYSTEMS AND DISPLAYS. THIS WILL ALLOW REALISTIC LOW ALTITUDE MANEUVERING INCLUDING CIRCLING AND STRAIGHT IN APPROACH, LANDING, TAXI, TAKEOFF, TACTICAL VFR, EMERGENCY PROCEDURES, AND MISSED APPROACH TRAINING. PE 41897F MULTI/C-141 MODELS OF AIRCRAFT AFFECTED DESCRIPTION/JUSTIFICATION: MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: N/A.

AMT FY-98 QTY AMT FY-97 QTY AMT F.Y -96 QTY A AMT FY-95 0T√ AMT QΤ AMT PRIOR OΤ PROJECTED FINANCIAL PLAN

RDT&E (3600) N/A

PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIP NONREC EQUIPMENT

CHANGE ORDERS SIM/TRAINER DATA

SUPPORT-EQUIP

က

INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

3 MONTHS METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT INITIAL LEAD TIME -- 3 MOI

MONTHS က FOLLOW-ON LEAD TIME

FACT SHEET; OTHER SIM141 SIMULATOR UPGRADE (C-141) PROJECTED FINANCIAL PLAN (CONTINUED)

FY-00 QTY A AMT

FY-99 QTY A

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (8P-1100)

MILESTONES:

1/94 1/94 CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

FΥ-94 2 INSTALLATION SCHEDULE:
QUARTERS 1
INPUT 3
OUTPUT

FY-94

(CONTINUED)

TOTAL QTY AMT TO COMP

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8.9

*** UNCLASSIFIED ***

AIRCRAFT ICATION OF AIRC FY 1996 PROGRAM MODIFICATION

DATE 02/21/95

DESCRIPTION/JUSTIFICATION: PROVIDES AFSOC AND AMC WITH UHF UPGRADES FOR JCS DIRECTED ANDVI AND DAMA CAPABILITY. PROVIDES 400% CAPABILITY INCREASE IN SATELILLITE COMMUNICATION. MODELS AFFECTED: HC -130P/N, MH-60G, MC-130H, MH-53J, AC-130H, MC-130E, C-5, C-141, AC-130U, EC-130E. NOTE: CHANGED MOD TITLE DURING POM SUBMISSION (FORMERLY UHF MILSATCOM/ARC-187(ANDVI AND UHF MILSATCOM/DAMA), PE 33601F AND 33606F) TO NOW SHOW 33606F. APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE UHF SATCOM/ANDVT/DAMA, MN-T8136 PE 33606F MULTI MODELS OF AIRCRAFT AFFECTED FY 1996 PRE MODIFICATION TITLE AND NO

DEVELOPMENT STATUS: N/A.

DEVELOPMENT STATUS:											
PROJECTED FINANCIAL P	PLAN PRIOR QTY AMT	FY-94	94 AMT	FY-95	35 AMT	FY-96 QTY A	F	FY-97 QTY AMT	97 AMT	FY-98 QTY	B AMT
RDT&E (3600) N/A	 										
PROCUREMENT (3010) INSTALL KITS		155	e	53	úг	59	<u>+ +</u>	86	- ო		
KITS NONRECUR EQUIPMENT		(155)	4. 7 . 8 .	(53)	. 25 . 8 . 4	(23)	4.6	(88)	ີ ທ ເກັບ	(34)	6.4
CHANGE ORDERS			6.		2.0		- 6.		4.0		- -
SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE	×				2.2		3.	1 1 1	 	! ! !	!
TOTAL INSTALL COST			 	! ! !	 	1 1 1 1					
TOTAL COST (8P-1100)		155	10.5	53	11.3	23	12.6	86	20.2		9. 80
METHOD OF IMPLEMENTATION; INSTALLATION ORG/INTERMEDIATE INITIAL LEAD TIME 12 MONTHS	TION: INST.	ALLATION - EAD TIME -	ORG/1 12 MC	NTERME	DIATE	FOLLO	NO-W	EAD TIM	E 4:	FOLLOW-ON LEAD TIME 12 MONTHS	s

(CONTINUED)

FACT SHEET; OTHER T8136 UHF SATCOM/ANDVT/DAMA PROJECTED FINANCIAL PLAN (CONTINUED)

8	AMT	1 1 1 1
FY-00	QΤΥ	1111
6	AMT	11111
FY-99	QTY	1 1 1 1

SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE RDT&E (3600) N/A PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS

. 0 . 0 41

FY-98 -----2/98 2/99 FY-97 FY-96 8.2 FY-95 4-FY-94

TOTAL COST (BP-1100)

MILESTONES:

TOTAL INSTALL COST

FY-99 -----2/99 2/00

2/97 2/98

2/96 2/97

2/95 2/96

3/94 2/95

CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

AMT TO COMP QTY AM

AMT

TOTAL QTY

4.1 7.7 7.2 7.2

365 4 10.7 3.7

406

* * *** UNCLASSIFIED

OF AIRCRAFT MODIFICATION

DATE 02/21/95

FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE CLC OTHER CLASS P HF MODERNIZATION, MN-T8174 MODIFICATION TITLE AND NO FY 1996 PRE

DESCRIPTION/JUSTIFICATION: PROVIDES SIMPLE AIR TO GROUND CODED SIGNALING USED INTERNATIONALLY BY COMMERCIAL AVIATION AND CIVIL AIR TRAFFIC CONTROL STATIONS TO SELECTIVELY ALERT AIRCREW THAT A CALL IS BEING DIRECTED TO THEIR AIRCRAFT. REDUCES AIRCREW REQUIREMENT TO CONTINUOUSLY MONITOR HF RADIOS, GREATLY REDUCING AIRCREW FATIGUE. 72207F PE C5, C141, KC10, KC135 MODELS OF AIRCRAFT AFFECTED

MODELS AFFECTED: C-5, C-141, KC-10, AMT ٥T٧ AMT FY-97 QTY AMT FY-96 QΤ DEVELOPMENT STATUS: DEVELOPMENT OF GROUP A - GROUP B IS COTS. C/KC-135. AMT FY-95 0T Y AMT FY-94 ΩT AMT PRIOR QTY PROJECTED FINANCIAL PLAN

RDT&E (3600) N/A

SUPPORT-EQUIP
INSTALLATION OF HARDWARE PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR CHANGE ORDERS EQUIP NONREC SIM/TRAINER EQUIPMENT DATA

1.7 0.9

9.

377

4

376

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TOTAL INSTALL COST

TOTAL COST (BP-1100)

377 376 0.9

0.

FOLLOW-ON LEAD TIME -- 12 MONTHS METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- 12 MONTHS

HF MODERNIZATION (CONTINUED) FACT SHEET; OTHER T8174 PROJECTED FINANCIAL PLAN

AMT FY-00 QTY A AMT

FY-99 QTY A

RDT&E (3600) N/A

SIM/TRAINER SUPPORT-EQUIP INSTALLATION OF HARDWARE PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

FY-97 1/97 FY-96 1 1 1 1 1/96 1/97 FY-95 1/95 CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

(CONTINUED)

	AMT	 		φ.	
TOTAL	QΤΥ	 	753		
COMP	=	! · · · · · · · · · · · · · · · · · · ·			
10	QTY AN				

10.7 760

UNCLASSIFIED

		BODG		JUSTIFICATION	2			DATE	2007
-			(EXHIBIT	BIT P-40)				FEBRUA	FEBRUARY 1995
PPROPRIATION/BUDGET ACTIVITY	SET ACTIVIT	~		P-1	TEM NOMENC	LATURE: Clay	P-1 ITEM NOMENCLATURE: Classified Projects	60	
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICA	JREMENT AI	F/AIRCRAFT I	MODIFICATIONS						
		FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 1994 FY 1995 FY 1996 FY 1997 FY 1998 FY 1999 FY2000 FY2001	FY2001
QUANTITY									
COST (In Mil)		\$28.347	\$48.376	\$0.0	\$7.229	\$7.229 \$7.737	\$8.350	\$8.602	\$8.860

This line item funds classified modifications to classified projects. The overall goal of the modifications budgeted in FY 1996 is classified. The specific modifications budgeted and programmed are attached.

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275	
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PLIST	NO. 56
-1 SHOP	ITEM
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	ITEM

* • * *** UNCLASSIFIED

AIRCRAFT

P

MODIFICATION

DATE 02/21/95

CLC CLASSI CLASS P APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE 27253F БE FY 1996 PROGRAM COMPASS CALL, MN-1001 MULTIPLE MODELS OF AIRCRAFT AFFECTED MODIFICATION TITLE AND NO FY 1996 PRE

DESCRIPTION/JUSTIFICATION: THESE FUNDS ARE REQUIRED TO PROVIDE FOR THE MODIFICATION OF AIRCRAFT AND AIRBORNE SYSTEMS USED IN CLASSIFIED MISSIONS, WHICH BECAUSE OF THEIR SENSITIVE NATURE REQUIRE THE APPLICATION OF SPECIAL MANAGEMENT AND SECURITY SAFEGUARDS. SPECIAL JUSTIFICATIONS ARE PROVIDED THROUGH CLASSIFIED INTELLIGENCE CHANNELS. THIS IS AN OAC 60 ACCOUNT.

AMT FY-98 ٥T AMT QTY AMT FY-96 OΤ AMT FY-95 QΤγ AMT QΤ AMT QT. DEVELOPMENT STATUS: N/A PROJECTED FINANCIAL PLAN RDT&E (3600) N/A PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR EQUIPMENT

7.7 7.2 METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- OO MONTHS 28.3 50.2 TOTAL COST (BP-1100) TOTAL INSTALL COST

-- OO MONTHS

FOLLOW-ON LEAD TIME

7.7

7.2

45.2

28.3

50.2

INSTALLATION OF HARDWARE

SIM/TRAINER SUPPORT-EQUIP

CLASSIFIED

CHANGE ORDERS

DATA

EQUIP NONREC

*** UNCLASSIFIED ***

COMPASS CALL (CONTINUED)

FACT SHEET; CLASSI 1001 PROJECTED FINANCIAL PLAN

(CONTINUED)

		ဓို	FY-OO AMT QTY A	OO AMT				0 TQ (TO COMP QTY AMT	TOTAL QTY	AMT
RDT&E (3600) N/A		1 1 1 t t 1									
PROCUREMENT (3010) INSTALL KITS KITS NONRECUR EQUIPMENT EQUIP NONREC CHANGE ORDERS											
SIM/TRAINER SUPPORT-EQUIP CLASSIFIED INSTALLATION OF HARDWARE			8. 4.	89 9.						·	164.5
TOTAL INSTALL COST		1 1 1 1 1	4.8	8 .				1 1 1 1 1	(164.5
MILESTONES:	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	
CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):	t 1 1 1	! ! ! !									

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

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*** UNCLASSIFIED

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE IV, MN-1005 ADVANCED PROGRAM TECHNOLOGY, MN-1005 MODIFICATION OF AIRCRAFT FY 1996 PROGRAM MODIFICATION TITLE AND NO DATE 02/21/95 FY 1996 PRE

27433F PE MULTIPLE MODELS OF AIRCRAFT AFFECTED

DEVELOPMENT STATUS: N/A.

DESCRIPTION/JUSTIFICATION: THESE FUNDS ARE REQUIRED TO PROVIDE FOR THE MODIFICATION OF AIRCRAFT AND AIRBORNE SYSTEMS USED IN CLASSIFIED MISSIONS, WHICH BECAUSE OF THEIR SENSITIVE NATURE REQUIRE THE APPLICATION OF SPECIAL MANAGEMENT AND SECURITY SAFEGUARDS. SPECIAL JUSTIFICATIONS ARE PROVIDED THROUGH CLASSIFIED INTELLIGENCE CHANNELS.
THIS IS AN OAC 60 ACCOUNT. AMT FY-98 QΤΥ AMT FY-97 QΤ AMT Fγ-96 QTY AMT FY-95 QT AMT FY-94 AMT PRIOR ٥T PROJECTED FINANCIAL PLAN

PROCUREMENT (3010) INSTALL KITS KITS NONRECUR CHANGE ORDERS EQUIPMENT EQUIP NONREC SIM/TRAINER DATA

RDT&E (3600) N/A

3.2

INSTALLATION OF HARDWARE

SUPPORT-EQUIP CLASSIFIED

TOTAL INSTALL COST

TOTAL COST (BP-1100)

FOLLOW-ON LEAD TIME -- OO MONTHS

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE INITIAL LEAD TIME -- OO MONTHS

*** UNCLASSIFIED ***

ADVANCED PROGRAM TECHNOLOGY (CONTINUED) FACT SHEET; CLASSI 1005 PROJECTED FINANCIAL PLAN

AMT FY-00 QΤ AMT FY-99 QT.

(CONTINUED)

TOTAL QTY AMT TO COMP QTY AM1

RDT&E (3600) N/A

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
CLASSIFIED

INSTALLATION OF HARDWARE

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

FY-93 FY-92

FY-95

CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

7.6

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*** UNCLASSIFIED ***

UNCLASSIFIED

	BUDG	BUDGET ITEM JUSTIFI((EXHIBIT P-40)	JUSTIFICATION	Z			DATE FEBRU	FEBRUARY 1995
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AI	ROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATI	MODIFICATIONS		P-1 ITEM NOMENCLATURE: DARP	ATURE: DARI			
	FY 1994	FY 1994 FY 1995	FY 1996	FY 1996 FY 1997 FY 1998 FY 1999 FY2000	FY 1998	FY 1999	FY2000	FY2001
QUANTITY								
COST (In Mil)	\$0.000	\$68.183	\$0.000		\$0.000 \$0.000	\$0.000	\$0.000	\$0.000

This line item funds classified modifications to the Defense Airborne Reconnaissance Program aircraft. The overall goal of the modifications budgeted in FY 1996 is classified. The specific modification budgeted and programmed is attached.

P-1 SHOPP LIST ITEM NO. **57**

PAGE NO.

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UNCLASSIFIED

FY 1996 PRE

MODIFICATION OF AIRCRAFT

FY 1996 PROGRAM

APPROPRIATION; AIRCRAFT PROCUREMENT, AIR FORCE SANCE OFFICE , MN-99999D CLC DARP CLASS P DEFENSE AIRBORNE RECONNAISSANCE OFFICE MODIFICATION TITLE AND NO

RC-135 (RIVET JOINT) MODELS OF AIRCRAFT AFFECTED

35154F A DESCRIPTION/JUSTIFICATION: DOLLARS REPRESENT MODIFICATIONS TO AIRCRAFT AS MANAGED BY THE DEFENSE
AIRBORNE RECONNAISSANCE OFFICE (DARO). \$3.1M IN FY95 FUNDS REPRESENT BASELINE DE-ENGINING
COSTS RESULTING FROM DARO TERMINATING BASELINES BEYOND BASELINE SIX. THE REMAINING DOLLARS
ARE FUNDS SET ASIDE BY CONGRESS (PBD 632) TO FOR SR-71 AIRCRAFT. REQUIREMENTS IN DEVELOPMENT.

DEVELOPMENT STATUS: NONE REQUIRED.

PROJECTED FINANCIAL PLAN

AMT FY-98 QTY AMT FY-97 ٥T AMT FY-96 QΤΥ AMT FY-95 QΤΥ AMT FY-94 ٥T AMT PRIOR ٥T٧

RDT&E (3600) N/A

PROCUREMENT (3010) SUPPORT-EQUIP DE-ENGINING INSTALL KITS KITS NONRECUR CHANGE ORDERS EQUIP NONREC SIM/TRAINER EQUIPMENT DATA

68.2

TOTAL COST (BP-1100) TOTAL INSTALL COST

INSTALLATION OF HARDWARE

68.2

FOLLOW-ON LEAD TIME -- 12 MONTHS METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY INITIAL LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET; DARP 99999D DEFENSE AIRBORNE RECONNAISSANCE OFFICE PROJECTED FINANCIAL PLAN (CONTINUED)

AMT FY-00 QΤΥ AMT FY-99

TOTAL QTY

AMT

TO COMP QTY AM1

RDT&E (3600) N/A

INSTALLATION OF HARDWARE PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
DE-ENGINING

TOTAL INSTALL COST

TOTAL COST (BP-1100)

MILESTONES:

FY-95

CONTRACT-DATE (QTR/FY): DELIVERY-DATE (QTR/FY):

INSTALLATION SCHEDULE: QUARTERS INPUT OUTPUT

68.2

68.2